

GenCore version 4.5  
Copyright (c) 1993 - 2000 Compugen Ltd.

## OM nucleic - nucleic search, using sw model

Run on: September 4, 2002, 10:19:06 ; Search time 127.89 Seconds  
(without alignments)  
3854.769 Million cell updates/sec

Title: US-09-052-089A-7  
Perfect score: 2007  
Sequence: 1 GTGGGGGAGGCAAATTG.....AAAAAAA.....AAAAAAA.....AAAAA 2007  
Scoring table: IDENTITY\_NUC  
Gapop 10.0 , Gapext 1.0

Searched: 38353 seqs, 122816752 residues

Total number of hits satisfying chosen parameters: 767066

Minimum DB seq length: 0  
Maximum DB seq length: 200000000Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Issued\_Patents\_NA:  
 1: /cgn2\_6/pctodata/2/ina/5\_A\_COMB.seq;\*  
 2: /cgn2\_6/pctodata/2/ina/5\_B\_COMB.seq;\*  
 3: /cgn2\_6/pctodata/2/ina/6\_A\_COMB.seq;\*  
 4: /cgn2\_6/pctodata/2/ina/6\_B\_COMB.seq;\*  
 5: /cgn2\_6/pctodata/2/ina/PCTUS\_COMB.seq;\*  
 6: /cgn2\_6/pctodata/2/ina/backfile1.seq;\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Length	DB ID	Description
1	2007	100.0	2007	Sequence 7, Appli
2	1890	94.2	2065	Sequence 1, Appli
3	1062	53.0	1975	Sequence 8, Appli
4	65.8	3.3	7218	Sequence 14, Appli
5	52	2.6	3489	Sequence 1, Appli
6	52	2.6	32207	Sequence 20, Appli
7	52	2.6	32207	Sequence 1, Appli
8	52	2.6	32207	Sequence 20, Appli
9	44.2	2.2	51259	Sequence 209, App
10	44	2.2	2887	Sequence 3, Appli
11	44	2.2	2887	Sequence 208, App
12	43.6	2.2	16442	Sequence 104, App
13	41	2.1	3440	Sequence 20, Appli
14	41.6	2.1	51259	Sequence 209, App
15	41	2.0	2580	Sequence 2, Appli
16	41	2.0	2580	Sequence 4, Appli
17	41	2.0	5452	Sequence 1, Appli
18	41	2.0	9600	Sequence 1, Appli
19	41	2.0	10596	Sequence 15, Appli
20	41	2.0	10596	Sequence 15, Appli
21	41	2.0	10596	Sequence 15, Appli
22	41	2.0	10596	Sequence 15, Appli
23	41	2.0	10596	Sequence 15, Appli
24	41	2.0	10596	Sequence 15, Appli
25	40	2.0	10596	Sequence 8, Appli
26	40	2.0	2223	Sequence 8, Appli
27	40	2.0	US-08-439-818A-8	Sequence 8, Appli

RESULT 1  
US-09-052-089A-7  
Sequence 7, Application US/09052089A  
Patent No. 6346605  
GENERAL INFORMATION:  
APPLICANT: Lee, Soo Y.  
CITY: Hackensack  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07601  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/052,089A  
FILING DATE: 31-Mar-1998  
CLASSIFICATION: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Jackson Esq., David A.  
REGISTRATION NUMBER: 26,742  
REFERENCE/DOCKET NUMBER: 600-1-198 CIP 1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 201-487-5800  
TELEFAX: 201-343-1684  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 2007 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
HYPOTHETICAL: NO  
ORIGINAL SOURCE:  
ORGANISM: Homo sapiens  
SEQUENCE DESCRIPTION: SEQ ID NO: 7:  
US-09-052-089A-7

## ALIGNMENTS

34	39	1.9	456	4	US-08-933-674A-16	Sequence 16, Appli
35	38.8	1.9	1995	1	US-08-425-069-3	Sequence 3, Appli
36	38.8	1.9	1995	2	US-08-317-844B-3	Sequence 8, Appli
37	38.6	1.9	2793	1	US-08-209-747-1	Sequence 1, Appli
38	38.6	1.9	2793	1	US-08-538-290-1	Sequence 16, Appli
39	37.8	1.9	414	1	US-08-137-117D-85	Sequence 85, Appli
40	37.8	1.9	414	1	US-08-336-717-85	Sequence 14, Appli
41	37.8	1.9	7218	1	US-08-232-463-14	Sequence 3, Appli
42	37.4	1.9	3921	2	US-08-587-680A-3	Sequence 3, Appli
43	37.4	1.9	3921	2	US-08-475-894A-3	Sequence 3, Appli
44	37.4	1.9	5992	2	US-08-864-039A-1	Sequence 1, Appli
45	37.2	1.9	2214	3	US-08-864-039A-1	Sequence 1, Appli



APPLICANT: Liggenfelter, Carol  
 APPLICANT: Vuong, Terilyn T.  
 TITLE OF INVENTION: MODULATORS OF BRCAL ACTIVITY  
 NUMBER OF SEQUENCES: 6  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: ONX Pharmaceuticals, Inc.  
 STREET: 3031 Research Drive  
 CITY: Richmond  
 STATE: CA  
 COUNTRY: USA  
 ZIP: 94806  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/968,751  
 FILING DATE:  
 CLASSIFICATION: 435  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Giotta, Gregory  
 REFERENCE/DOCKET NUMBER: 32.028  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (510) 262-8710  
 TELEFAX: (510) 222-9758  
 INFORMATION FOR SEQ ID NO: 1:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 2065 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: double  
 TOPOLOGY: linear  
 MOLECULE TYPE: cDNA  
 HYPOTHETICAL: NO  
 ANTI-SENSE: NO  
 FEATURE:  
 NAME/KEY: CDS  
 LOCATION: 103..1512  
 DB: 2;  
 Score: 1890.8;  
 DB 2;  
 94.2%;  
 first Local Similarity 98.9%;  
 Preg. No. 0;  
 Mismatches 17;  
 matches 1946; Conservative 0;  
 Mismatches 17;  
 44 TAGCAAGCGGACCTGTAGCAGTTCCTGCTGGCCCGCC  
 44 TACGAAAGCGGACTGTAGCAGTTCCTGCTGGCCCGCC  
 104 TGCCATTCGTCGCTGTGCACTATCCTGCTCCGACTCTTGAT  
 104 TGCTCATTCGTCGCTGTGCACTATCCTGCTCCGACTCTTGAT  
 164 CCCCATCCACTGGGCCACACCTTCCACTTGCACTGGCTTAATT  
 164 CCCGCATCCACTGGGCCACACCTTCCACTTGCACTGGCTTAATT  
 224 CACCAAGCTGGACCTGGCCACAGTGGCGAATCAGGTGGAA  
 224 CACCAAGCTGGACCTGGCCACAGTGGCGAATCAGGTGGAA  
 284 AGCTCTTGTGATTCGCCAGGAGGAGATGCTTGAT  
 284 AGCTCTTGTGATTCGCCAGGAGGAGATGCTTGAT  
 344 ATRACTGACAATGTCAGAGGCCAGCTTCCAGAAGACAG  
 344 ATRACTGACAATGTCAGAGGCCAGCTTCCAGAAGACAG  
 404 AGGCATCATGCACTTGCGGGATAGCTGGAGAACGGAAT  
 404 AGGCATCATGCACTTGCGGGATAGCTGGAGAACGGAAT  
 404 AGGCATCATGCACTTGCGGGATAGCTGGAGAACGGAAT

QY	464	TCCAGCAGGCCCTGGCAAGGCGAGATCTGTCACACTGAAAGCAATGAGT	523
Db	464	TCCAGCAGGCCCTGGCAAGGCGAGATCTGTCACACTGAAAGCAATGAGT	523
QY	524	ACTTAGCAGCACAGCAGGATAGACCAACAAAGCACACAGAGGAGGCAGCTCGAGA	583
Db	524	ACTTAGCAGCACAGCAGGATAGACCAACAAAGCACACAGAGGAGGCAGCTCGAGA	583
QY	584	GCAAGTGAAGACCATGGCAGATGAGACCACAAAGCACACAGAGGAGGCAGCTCGAGG	643
Db	584	GCAAGTGAAGACCATGGCAGATGAGACCACAAAGCACACAGAGGAGGCAGCTCGAGG	643
QY	644	AGGAGATGATCAGGAGACATGGGTGSGAGAACACTGGCTGAGT	703
Db	644	AGGAGATGATCAGGAGACATGGGTGSGAGAACACTGGCTGAGT	703
QY	704	GTGTGTCCTCAAGAANGAGTACGAGATACTAAAGAGGACAGGAAGSCTCAGGGAGG	763
Db	704	GTGTGTCCTCAAGAANGAGTACGAGATACTAAAGAGGACAGGAAGSCTCAGGGAGG	763
QY	764	TGGTGACAGGTGAGGAAGGATTGTTCTCTCAGAGCAAGTGGACAGCTACT	823
Db	764	TGGTGACAGGTGAGGAAGGATTGTTCTCTCAGAGCAAGTGGACAGCTACT	823
QY	824	CTGAATGGATCAGGCCAGTGTAGACTGAGCTACGGCCAGGACTTACAGTGTG	883
Db	824	CTGAATGGATCAGGCCAGTGTAGACTGAGCTACGGCCAGGACTTACAGTGTG	883
QY	884	ACAAGGAATCATGAGCTAAAGAGGTAACAGATCTGAGGAACCTGTGACCTC	943
Db	884	ACAAGGAATCATGAGCTAAAGAGGTAACAGATCTGAGGAACCTGTGACCTC	943
QY	944	CACCAAGGGCCAGTGGACTGAGACTGTGAGCCCCCTGGTTAGAGAGGCCAGGCCAGCCCAGG	1003
Db	944	CACCAAGGGCCAGTGGACTGAGACTGTGAGCCCCCTGGTTAGAGAGGCCAGGCCAGCCCAGG	1003
QY	1004	TGAATCUGAAGSTCSCCGCCATCCTTCGGATGATAATGATCTCATGTCACCTTGT	1063
Db	1004	TGAATCUGAAGCTCCGGCCATCCTTCGGATGATAATGATCTCATGTCACCTTGT	1063
QY	1064	ATGTGGATACTCTCCCCAGCCGGCCATCCAGTCAGTGTATGATCTCATGTCACCTTGT	1123
Db	1064	ATGTGGATACTCTCCCCAGCCGGCCATCCAGTCAGTGTATGATCTCATGTCACCTTGT	1123
QY	1124	GCCTAGAGAGTCACACTCCCCTTCAGATGTCAGGAAAGATATGCAAGGCCCA	1183
Db	1124	GCCTAGAGAGTCACACTCCCCTTCAGATGTCAGGAAAGATATGCAAGGCCCA	1183
QY	1184	GGAAGGAGTCCAGTCAGTCAGCTGGTGGCCAGAGCTGTCAGGAGAGGCCAGGAGAAC	1243
Db	1184	GGAAGGAGTCCAGTCAGTCAGCTGGTGGCCAGAGCTGTCAGGAGAGGCCAGGAGAAC	1243
QY	1244	TGGTGGTCCTCCCTATTTGTCGGATGCCATCTAGGCCAGAACACGCCAAC	1303
Db	1244	TGGTGGTCCTCCCTATTTGTCGGATGCCATCTAGGCCAGAACACGCCAAC	1303
QY	1304	GGCCCAAGTCAGATCCTCTTGCAGCAAGAGATGTTGAGGACAGGCTTGATGGCTG	1363
Db	1304	GGCCCAAGTCAGATCCTCTTGCAGCAAGAGATGTTGAGGACAGGCTTGATGGCTG	1363
QY	1364	GTGGCCGAGCAAATTCATCCAGCTACTGACACAGTCAGTCAGTCAGTCAGTCAG	1423
Db	1364	GTGGCCGAGCAAATTCATCCAGCTACTGACACAGTCAGTCAGTCAGTCAGTCAG	1423
QY	1424	AGCCCAAGACCAAGGTTAGCAGAGGGTAGGGTAAGGACAGCTGATGGCTG	1483
Db	1424	AGCCCAAGACCAAGGTTAGCAGAGGGTAGGGTAAGGACAGCTGATGGCTG	1483
QY	1484	CCAGCTGGACACCTCTCTGTGGCTGAGAACACGTGACTCTGACCAATGCCAGACAA	1543
Db	1484	CCAGCTGGACACCTCTCTGTGGCTGAGAACACGTGACTCTGACCAATGCCAGACAA	1543

QY 154 TGCCTGCAACTCTAGGTCAAGGGACTGTCCAGGGCAGGG - TTGTGGACAGACCCCTACT 1601  
 QY 1544 TGCCTGCAACTCTAGGTCAAGGGACTGTCCAGGGCAGGGTGTGGACAGACCCCTACT 1603  
 Db 1602 TGGGGACAGCGCTGAGGTAAAGGCAAGACAACAGGTGAGGGTGAACACCCAG 1611  
 Db 1604 TGGGGACAGCGCTGAGGTAAAGGCAAGACAACAGGTGAGGGTGAACACCCAG 1613  
 QY 1662 AGCTGCTCTCTGCCCACCTCTAGACTGAGCTGAGCTGACATGACCAAG 1721  
 QY 1664 AGACTGCTCTCTGCCCACCTCTAGACTGAGCTGACATGACCAAG 1723  
 Db 1722 CCCACTGATCCCTCAGCAGGCTCTGCT-CTGTTGCCAGGCTCTGTTATACCCATGT 1780  
 QY 1724 CCCACTGATCCCTCAGCAGGCTCTGCT-CTGTTGCCAGGCTCTGTTATACCCATGT 1783  
 QY 1781 CAGATGTCAGACTCTTCGGCTGGAGACACGGTCACTGTGACTGTCTGT 1840  
 Db 1784 CAGATGTCAGACTCTTCGGCTGGAGACACGGTCACTGTGACTGTCTGT 1843  
 QY 1841 GGCCAGAGTGTCTGAGCATCTCAGGAGCTAGGCCAAGCTTCACCTGCTTGAC 1900  
 Db 1844 GGACCAAGAGTGTCTGAGCATCTCAGGAGCTAGGCCAAGCTTCACCTGCTTGAC 1903  
 QY 1901 TGCCTCTA-GCATAGCTGGCCAAGCAGGGTGGGATGGGATGACATGGGT 1959  
 Db 1904 TGCCTCTAGGCACTGCTGGCCAAGCAGGGTGGGATGAGGATAG-CATGGGT 1962  
 QY 1960 ATGGAGAGGATGGAGATTCCGAAAAAAA 2007  
 Db 1963 ATGGAGAGGATGGAGATTCCGAAAAAAA 2010  
 RESULT 3  
 US 09-052-089a-8  
 Sequence 8, Application US/09052089A  
 Patent No. 6346505  
 GENERAL INFORMATION:  
 APPLICANT: Lee, Soo Y.  
 Choi, Yongwon  
 TITLE OF INVENTION: SIGNAL TRANSDUCER FOR THE TNF RECEPTOR SUPER  
 NUMBER OF SEQUENCES: 16  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: David A. Jackson, Esq.  
 STREET: 411 Hackensack Ave, Continental Plaza, 4th  
 FLOOR  
 CITY: Hackensack  
 STATE: New Jersey  
 COUNTRY: USA  
 ZIP: 07601  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patentin Release #1.0., Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09-052,089A  
 FILING DATE: 31-Mar-1998  
 CLASSIFICATION: <Unknown>  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Jackson, Esq., David A.  
 REGISTRATION NUMBER: 26,742  
 REFERENCE/DOCKET NUMBER: 600-1-198 CIP 1  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 201-487-5800  
 TELEFAX: 201-343-1684  
 INFORMATION FOR SEQ ID NO: 8:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 1975 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: double  
 TOPOLOGY: linear  
 ;  
 ; MOLECULE TYPE: cDNA  
 ; HYPOTHETICAL: NO  
 ; ORIGINAL SOURCE:  
 ; ORGANISM: mouse  
 ;  
 ; SEQUENCE DESCRIPTION: SEQ ID NO: 8:  
 ;  
 ; US-09-052-089a-8  
 Query Match 53.0% Score 1062.8; DB 4; Length 1975;  
 Best Local Similarity 74.6%; Pred. No. 4.5e-299;  
 Matches 1506; Conservative 0; Mismatches 447; Indels 65; Gaps 11;  
 Db 1 GRCCGGTGGAGCAATTGAGCACAGCGAGGGGGGC--GCTCTACGAAAGCCGGACT 58  
 Db 9 GTGGGGTGGAGGAATTGAGGAACGGAGCGGGTCCACCAAACGTGCT 68  
 QY 59 GTACAGTTCTTGGCTGGCCAGGGCCCTTGTAGCCAGGCCATGCCATCGGTCT 118  
 Db 69 GTCTCTG-GCAGCTGGTCCCTGGCTGGCCCTTGAGTCAGCCATGCCATCCCTCTC 127  
 QY 119 TGRGACTATCTGCTCGACTCTTCATCACTCCCGCGAGCTGGCCATCACTGCG 178  
 Db 128 TGTCGACTATCTGCTCCGACTCTTCGATCACTCCGTGACTCTGGCGCATCCACTGTG 187  
 QY 179 GCCAACCTTCAGCTGCTGGCTTAATTGAGCAGGCCAGTCGGAC 238  
 Db 188 GGCACACTTTCATCTGCACTGCTAATTCAGTGTGAGCACGACCAGTCGGAC 247  
 QY 239 GCCCACAGTGCAGATCGGGTGGCAAAGAACATTATAAGCTCTCTTGATC 298  
 Db 248 GCCCACAGTGTAGATCCGGTGGCAAAGACTATATAAACAACTTTCTTGAC 307  
 QY 299 TTRGCCAGGGAGGAGATGCTTGATCGAGAATTCTAAAGAATGACCTGGACAT 358  
 Db 308 TCGCCCAAGGAGGAGGAAATGCTTGGATGCAAGTCTTAAGAATGACCTGGACAGCG 367  
 QY 359 TCAGAGCCAGCTTCCAGAAAGACAGAGGAGAAAGGAGACAGCCAGGTCTACGCTGAC 418  
 Db 368 TCAAGCTGCTAGCTTCCAGAAAGACAGGAGAACGGAGCCAGGCATATGCA 427  
 QY 419 CTCTGCGGATAGCTGGAGAACGCAATGCTACTGTGGTACTCTCAGCGCCCTTG 478  
 Db 428 CTCTACGGGACACCTCTGAGAACGCAATGCTACCGPGGAGPCCCPACAGACGCCATA 487  
 QY 479 GCAGGGCGAGAGCTGCTGCTCACACTGAAAGCAGATGAGACTTAGCAGCAGC 538  
 Db 488 ACAGGGCGAGATGCTGTTCCACCTGAAAGAACAGATGAGTGGACAGCCAGGGC 547  
 QY 539 AGATGAGGACCAACAAAGCAGAGGAGGGGGGGCTAGGAGCAAGATGAGACCA 598  
 Db 548 AGGTAGGAGACCAACAAAGCTCGGGAGGAGGCCACACTGAGTCAGTCAAGGAGAACCA 607  
 QY 599 TGGGAGATGAGCTCTACTCCAGGCCAGCTCTGGGGAGGAGATGATCGAG 658  
 Db 608 TGGAGCAATTGAGCTCTACTCCAGGCCAGCTCTGGGGAGGAGATGATCGAG 667  
 QY 659 ACATGGGTGGGAGCAGTCAGCGTGAAACAGCTGGTGTACTGTGTCCTCAAGA 718  
 Db 668 ACATGGGTGGGAGCAGTCAGCGTGAGCTGAGCTGAGTGGACAGTCAGTCAAGA 727  
 QY 719 AAGAGTACGAGATCTAAAGGGAGGAGGAGGAGGAGGAGGAGTGGATCGAG 778  
 Db 728 AACAGTATGAGATCTGAGGAGCTGGAGGAGCTGAGCTGAGGAGTGGATCGAG 787  
 QY 779 GGAGGATTGTCTCCAGAACAGTGGAGCTGAGCTGAGCTGAGTGGACAGTCAGTCAAGGAGTCAG 838  
 Db 788 AGAGGATTGTCTCTAGGAGCAAGTGGAGCTACACTCTCAACTGAGCTGGATCGAG 847  
 QY 839 CCAGTGTAGACTGAGTCAGGCCAGAGGAGCTAGAGTGGCTGAGCAAGGAATGAGA 898  
 Db 848 CCAGTGTAGACTGAGTCAGGCCAGAGGAGCTACAGTGGCTGAGCAAGGAATCAGA 907  
 QY 899 GCCTGAAAGAAG-CTAACGATGCTGCAGGAAACCTGAAACCTGCCACCAAGTGGCCAGT 957



RESULT 5  
US-08-728-323A-1

Sequence 1, Application US/08728323A  
Patent No. 5948676

GENERAL INFORMATION:

APPLICANT: Chang, Yuan  
APPLICANT: Bohenzky, Roy A.  
APPLICANT: Russo, James J.  
APPLICANT: Edelman, Isidore S.

TITLE OF INVENTION: Immediate Early Protein From Kaposi's Sarcoma-Associated Herpesvirus, DNA  
TITLE OF INVENTION: Encoding Same And Uses Thereof  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Cooper & Dunham LLP  
STREET: 1185 Avenue of the Americas  
CITY: New York  
STATE: New York  
ZIP: 10036

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/728,323A  
FILING DATE: CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: White, John P.  
REGISTRATION NUMBER: 28,678  
REFERENCE/DOCKET NUMBER: 0575/52268/JPW/MSC/SKS

TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-278-0400  
TELEFAX: 212-391-0525  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 3489 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1..3489  
US-08-728-323A-1

RESULT 6  
US-08-770-370-0/c

Sequence 20, Application US/08770379  
Patent No. 5849504

GENERAL INFORMATION:

APPLICANT: Chang, Yuan  
APPLICANT: Bohenzky, Roy A.  
APPLICANT: Russo, James J.  
APPLICANT: Edelman, Isidore S.  
APPLICANT: Moore, Patrick S.

TITLE OF INVENTION: POLYPEPTIDES FROM KAPOSI'S SARCOMA-ASSOCIATED HERPESVIRUS, DNA ENCODING SAME AND USES THEREOF  
NUMBER OF SEQUENCES: 20  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Cooper & Dunham LLP  
STREET: 1185 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10036

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/770,379  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: White, John P.  
REGISTRATION NUMBER: 28,678  
REFERENCE/DOCKET NUMBER: 52342

TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 278-0400  
TELEFAX: (212) 391-0525  
INFORMATION FOR SEQ ID NO: 20:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 32207 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1..3489  
US-08-770-370-20

Query Match 2.6%; Score 52; DB 2; Length 32207;  
Best Local Similarity 48.9%; Pred. No. 9.3e-05;  
Matches 139; Conservative 0; Mismatches 145; Indels 0; Gaps 0;

QY 505 CTGAAAGAGATAGTACTAGCTAGACAGCAGGATGAGACCAACAGCACAGAG 564  
Db 19785 CAGGATGAGCAGCAGCAGCAGGATGAGCAGCAGCAGGATGAGACCAACAGCACAGAG 19726  
QY 565 GAGGGGGCGGTCTAGAGCAAGATGAGACCATGGAGCAGATTGAGCTCTACTCCAG 624  
Db 19725 GAGCAGGAGCAGGAGCAGGAGCAGGAGCTAGAGGAGCAGGAGCAGGAGCTAGAG 19666

RESULT 7  
 US-08-757-669A-20/C  
 Sequence 20, Application US/08757669A  
 Patent No. 618351  
 GENERAL INFORMATION:  
 APPLICANT: Chang, Yuan  
 APPLICANT: Bohenzky, Roy A.  
 APPLICANT: Russo, James J.  
 APPLICANT: Edelman, Isidore S.  
 APPLICANT: Moore, Patrick S.  
 TITLE OF INVENTION: UNIQUE ASSOCIATED KAPOSI'S SARCOMA VIRUS  
 TITLE OF INVENTION: SEQUENCES AND USES THEREOF  
 NUMBER OF SEQUENCES: 20  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Cooper & Dunham LLP  
 STREET: 1185 Avenue of the Americas  
 CITY: New York  
 STATE: New York  
 COUNTRY: U.S.A.  
 ZIP: 10036  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patentin Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/757,669A  
 FILING DATE:  
 CLASSIFICATION: 424  
 ATTORNEY/AGENT INFORMATION:  
 NAME: White, John P.  
 REGISTRATION NUMBER: 28 678  
 TELECOMMUNICATION NUMBER: 45185-F  
 TELEPHONE: (212) 278-0400  
 TELEFAX: (212) 391-0525  
 INFORMATION FOR SEQ ID NO: 20:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 32207 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: double  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA (genomic)  
 US-08-757-669A-20

Query Match 2.6%; Score 52; DB 4; Length 32207;  
 Best Local Similarity 48.9%; Pred. No. 0.00028;  
 Matches 139; Conservative 0; Mismatches 145; Indels 0; Gaps 0;

QY 505 CTGAAAGAACATGAAGTACTTAGACAGCAGGATGGACAAACAGCACAGAC 564  
 QY 565 GAGCGGGCGCTCAGGCCAGATGGACAGCATGGAGCAGATGGGGACAGTCAGGGTG 684  
 Db 19665 GATCAGGAGCAGGATTAAGGGAGCAGGAGCTCTCAAGAAAGATCTAAAGGCA 744  
 QY 685 GAACAGCTCCCTGAGGTGAGGAGATGATCCGAGACATGGGTGGGACAGTCAGGGTG 624  
 Db 19725 GAGCAGGAGCAGGAGGAGCAGGAGCTCTCAAGAAAGATCTAAAGGCA 744  
 QY 625 AGCCAGCTCCCAGGGAGATGATCCGAGACATGGGTGGGACAGTCAGGGTG 684  
 Db 19605 GAGGAGGAGCAGGAGCTAGAGGAGCAGGAGCTCTCAAGAAAGATCTAAAGGCA 744  
 QY 745 CGGAAGGCCCTAGGGAGGTAGAGGAGCAGGAGCTAGAGGAGCAGGAGTT 788  
 Db 19545 TTAGAGGAGCAGGAGCTAGAGGAGCAGGAGCTAGAGGAGCAGGAGTT 19502

RESULT 8  
 US-09-230-371A-20/C  
 Sequence 20, Application US/09230371A  
 Patent No. 6348586  
 GENERAL INFORMATION:  
 APPLICANT: Chang, Yuan  
 APPLICANT: Bohenzky, Roy A.  
 APPLICANT: Russo, James J.  
 APPLICANT: Edelman, Isidore S.  
 TITLE OF INVENTION: UNIQUE ASSOCIATED KAPOSI'S SARCOMA VIRUS SEQUENCES AND  
 TITLE OF INVENTION: USES THEREOF  
 FILE REFERENCE: 45185-G-PCT-US  
 CURRENT APPLICATION NUMBER: US/09/230,371A  
 CURRENT FILING DATE: 1999-11-17  
 PRIOR APPLICATION NUMBER: PCT/US97/13346  
 PRIOR FILING DATE: 1997-07-22  
 NUMBER OF SEQ ID NOS: 30  
 SOFTWARE: Patentin Ver. 2.0  
 SEQ ID NO 20  
 LENGTH: 32207  
 TYPE: DNA  
 ORGANISM: Kaposi's sarcoma-associated herpesvirus  
 US-09-230-371A-20

Query Match 2.6%; Score 52; DB 4; Length 32207;  
 Best Local Similarity 48.9%; Pred. No. 0.00028;  
 Matches 139; Conservative 0; Mismatches 145; Indels 0; Gaps 0;

QY 505 CTGAAAGAACATGAAGTACTTAGACAGCAGGATGGACAAACAGCACAGAC 564  
 QY 565 GAGCGGGCGCTCAGGCCAGATGGACAGCATGGAGCAGATGGGTGGGACAGTCAGGGTG 684  
 Db 19725 GAGCAGGAGCAGGAGCTAGAGGAGCAGGAGCTCTCAAGAAAGATCTAAAGGCA 744  
 QY 685 GAACAGCTCCCTGAGGTGAGGAGATGATCCGAGACATGGGTGGGACAGTCAGGGTG 624  
 Db 19665 GATCAGGAGCAGGATTAAGGGAGCAGGAGCTCTCAAGAAAGATCTAAAGGCA 744  
 QY 625 AGCCAGCTCCCAGGGAGATGATCCGAGACATGGGTGGGACAGTCAGGGTG 684  
 Db 19605 GAGGAGGAGCAGGAGCTAGAGGAGCAGGAGCTCTCAAGAAAGATCTAAAGGCA 744  
 QY 745 CGGAAGGCCCTAGGGAGGTAGAGGAGCAGGAGCTAGAGGAGCAGGAGTT 788  
 Db 19545 TTAGAGGAGCAGGAGCTAGAGGAGCAGGAGCTAGAGGAGCAGGAGTT 19502

RESULT 9  
 US-08-781-891-209/C  
 Sequence 20, Application US/08781891  
 Patent No. 6090620  
 GENERAL INFORMATION:  
 APPLICANT: Fu, Ying-Hui  
 APPLICANT: Yu, Chang-En  
 APPLICANT: Oshima, Junko  
 APPLICANT: Mulligan, John T.  
 APPLICANT: Scheibenbogen, Gerald D.  
 TITLE OF INVENTION: GENE AND GENE PRODUCTS RELATED TO

**TITLE OF INVENTION:** WERNER'S SYNDROME  
**NUMBER OF SEQUENCES:** 209  
**CORRESPONDENCE ADDRESS:**  
**ADDRESSEE:** SEED and BERRY LLP  
**STREET:** 6300 19th Avenue S  
**CITY:** Seattle  
**STATE:** Washington  
 **COUNTRY:** USA  
**ZIP:** 98104-0092  
**COMPUTER READABLE FORM:**  
**MEDIUM TYPE:** FLOPPY disk  
**COMPUTER:** IBM PC compatible  
**OPERATING SYSTEM:** PC-DOS/MS-DOS  
**SOFTWARE:** Patentin Release #1.0, Version #1.30  
**CURRENT APPLICATION DATA:**  
**APPLICATION NUMBER:** US08/7781,891  
**FILING DATE:** 27-DEC-1996  
**CLASSIFICATION:** 800  
**ATTORNEY/AGENT INFORMATION:**  
**NAME:** NO. 691620tenburg Ph.D., Carol  
**REGISTRATION NUMBER:** 39,317  
**REFERENCE/DOCKET NUMBER:** 240052.419  
**TELECOMMUNICATION INFORMATION:**  
**TELEPHONE:** (206) 622-4900  
**TELEFAX:** (206) 622-6031  
**INFORMATION FOR SEQ ID NO: 209:**  
**SEQUENCE CHARACTERISTICS:**  
**LENGTH:** 51259 base pairs  
**TYPE:** nucleic acid  
**STRANDEDNESS:** single  
**TOPOLOGY:** linear

```

Query Match          2.2%; Score 44.2; DB 3; Length 51259;
Best Local Similarity 47.9%; Pred. NO. 0-054; Mismatches 138;
Matches 127; Conservative 0; Indels 0; Gaps 0;
Matches 127; Conservative 0; Indels 0; Gaps 0;

QY 506 TGAAGAAAGCAGATGAGTACTTAGAGCACGCCAGNGATGAGACCAACAGACAAGGG 565
    ||||| ||| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 267 TGAAGAAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 208
    ||||| ||| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
QY 566 AGGGGGCCGCCTCAGGAGGAGATGAGAACCATGGAGGAGATGTGAGCTTCTACTCGA 625
    ||||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 207 AGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 148
    ||||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
QY 626 GCCAGCTCCCTGAGGTGGAGAGATGCCGAGACATGGTGAGGACATGTCAGGGTGG 685
    ||||| ||| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 147 AGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 88
    ||||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
QY 686 AACAGCTGGCTGTGACTGTGTCCTCAAGAAAGACTTACGAATCTAAAGAGGCAC 745
    ||||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 87 AGGAGGAGGAGGAGCAGGAGCACAGGAGCAGGAGGAGGAGGAGGAGGAGGAGGAGG 28
    ||||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
QY 746 GGAAGGCCCTAGGGAGGGAGGTGCTGA 770
    ||||| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 27 AGCAGGAGGAGCAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 3
    ||||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

```

RESULT 10  
US-08-533306A-3  
Sequence 3, Application US/08533306A  
Patent No. 5837457  
GENERAL INFORMATION:  
APPLICANT: Liu, Pu  
APPLICANT: Collins, Francis S.  
APPLICANT: Claxton, David  
APPLICANT: Sacciano, Michael J.  
TITLE OF INVENTION: Markers for Detection of Chromosome 16  
TITLE OF INVENTION: Rearrangements  
NUMBER OF SEQUENCES: 14  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Harness, Dickey & Pierce, P.L.C.



RESULT 13  
US-08-182-175A-104  
; Sequence 104, Application US/08182175A  
; PATENT NO. 555223  
; GENERAL INFORMATION  
; APPLICANT: Saverio Carl Falco  
; APPLICANT: Sharon J. Keebler  
; TITLE OF INVENTION: Synthetic Storage Proteins with Defined Structure Containing F  
; NUMBER OF SEQUENCES: 113  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: E.I. du Pont de Nemours and Company  
; STREET: 1007 Market Street  
; CITY: Wilmington  
; STATE: Delaware  
; COUNTRY: USA  
; ZIP: 19898  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy Disk  
; COMPUTER: Macintosh  
; OPERATING SYSTEM: Macintosh System, 6.0  
; SOFTWARE: Microsoft Word, 4.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/182,175A  
; FILING DATE: 9 August 1991  
; CLASSIFICATION: 800  
; PRIORITY APPLICATION DATA:  
; FILING DATE: 9 August 1991  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Linda Axametny Floyd  
; REGISTRATION NUMBER: 33,692  
; REFERENCE/DOCKET NUMBER: BB-1031  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (302) 932-4929  
; TELEX: 835420  
; INFORMATION FOR SEQ ID NO: 104:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 340 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; ORIGINAL SOURCE:  
; STRAIN: E. coli  
; CELL TYPE: DH5 alpha  
; IMMEDIATE SOURCE:  
; CLONE: segment 534 [seg 534]  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: 3..326  
; OTHER INFORMATION: /function= "synthetic seed storage protein"  
; OTHER INFORMATION: /product= "protein"  
; OTHER INFORMATION: /gene= "ssp"  
; OTHER INFORMATION: /standard\_name= "SSP-534"  
; US-08-182-175A-104

Query Match 2.1%; Score 41.6; DB 1; Length 340;  
Best Local Similarity 46.8%; Pred. No. 0.025; Indels 0; Gaps 0;  
Matches 131; Conservative 0; Mismatches 149; Indels 0; Gaps 0;

QY 506 TGAAGAACGAGATGAGACTTGTAGGAGCAGCAGGATGAGACCAACAAAGCCAGGG 565  
Db 16 TGAAGAACGAGATGAGACTTGTAGGAGCAGCAGGATGAGACCAACAAAGCCAGGG 75  
QY 566 AGCGGGCGGCCTAGGAGCAAGTAGGAGACCTGGAGCAGATTGAGCTTCTACTCCAGA 625  
Db 76 AAATGAAGAACGCTCGAAGAGAAGATGAGGAGATGAGAAAGCTGGAG 135  
QY 626 GCGCAGCTCCGTGGGGAGATGCCAGACATGGTGAGGACAGTCAGCGCTGG 685

---

RESULT 14  
PC/US92-06412-104  
; Sequence 104, Application PC/US9206412  
; GENERAL INFORMATION:  
; APPLICANT: Saverio Carl Falco  
; APPLICANT: Janet A. Rice  
; APPLICANT: Sharon J. Keebler  
; TITLE OF INVENTION: Synthetic Storage Proteins with Defined Structure Containin  
; NUMBER OF SEQUENCES: 113  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: E.I. du Pont de Nemours and Company  
; STREET: 1007 Market Street  
; CITY: Wilmington  
; STATE: Delaware  
; COUNTRY: USA  
; ZIP: 19898  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy Disk  
; COMPUTER: Macintosh  
; OPERATING SYSTEM: Macintosh System, 6.0  
; SOFTWARE: Microsoft Word, 4.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US92/06412  
; FILING DATE: 19920807  
; CLASSIFICATION: 530  
; PRIORITY APPLICATION DATA:  
; APPLICATION NUMBER: 07/743,006  
; FILING DATE: 9 August 1991  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Linda Axametny Floyd  
; REGISTRATION NUMBER: 33,692  
; REFERENCE/DOCKET NUMBER: BB-1031  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (302) 932-4929  
; TELEX: 835420  
; INFORMATION FOR SEQ ID NO: 104:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 340 base pairs  
; TYPE: NUCLEIC ACID  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; ORIGINAL SOURCE:  
; STRAIN: E. coli  
; CELL TYPE: DH5 alpha  
; IMMEDIATE SOURCE:  
; CLONE: segment 534 [seg 534]  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: 3..326  
; OTHER INFORMATION: /function= "synthetic seed storage protein"  
; OTHER INFORMATION: /product= "protein"  
; OTHER INFORMATION: /gene= "ssp"  
; OTHER INFORMATION: /standard\_name= "SSP-534"  
; PCT-US92-06412-104

Query Match 2.1%; Score 41.6; DB 5; Length 340;  
Best Local Similarity 46.8%; Pred. No. 0.025; Indels 0; Gaps 0;  
Matches 131; Conservative 0; Mismatches 149; Indels 0; Gaps 0;

Query 506 TGRAAAGCAGTGAAGTACTTAGACGAGCACGAGGTGAGCAACAAAGCACANGAGG 565  
 Db 16 TGAAAAGAACGTCAGGAGGAATGCTAAGATGAAGACAAAGCAGATGGAACTGAAGG 75  
 Query 566 AGCGGGCCGCCTAGGGAGAAGATGAGGACGACATGGCTGAGGAGATGAGCTCTACTCCAGA 625  
 Db 76 AAATGAAGAGCTGAGGAGAAGATGAGGAGAGATGAGGAGAGATGAAAGCTGGAG 135  
 Query 626 GCGACTCCTGAGGTGGAGGATGATGCCAGACAGACATGGCTGGCAGTGAGGAGG 685  
 Db 196 AAAGAGAATGAGGTGGAGGAGGAGATGAAAGATGAGGAGCTGAGGAAAGATGAGAAGCTG 255  
 Db 136 AAAAGATGAGGCTATGGAGGAGAGATGAAATGGCTGAGGAAAGATGAGAAGCTG 195  
 Query 746 GGAAGGCCTAGGGAGGTGGCTGACAGCTGAGGAAGGA 785  
 Db 256 TGGAAAGACAATGAGTGGCTGAGGAGAAATGAGA 295

RESULT 15  
 US-09-050-863-2  
 ; Patent No. 6114111  
 ; Sequence 2, Application US/09050863  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Lao, Ying  
 ; APPLICANT: Hiang, Betty  
 ; APPLICANT: Payan, Don  
 ; TITLE OF INVENTION: Mammalian Protein Interaction Cloning  
 ; NUMBER OF SEQUENCES: 5  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Flehr, Hohbach, Test, Albritton & Herbert  
 ; STREET: 4 Embarcadero Center, Suite 3400  
 ; STATE: CA  
 ; COUNTRY: USA  
 ; ZIP: 94111-4187  
 ; COMPUTER READABLE FORM:  
 ; COMPUTER: IBM PC compatible  
 ; MEDIUM TYPE: Floppy disk  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/050,863  
 ; FILING DATE: 30-MAR-1998  
 ; CLASSIFICATION:  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Silva, Robin M.  
 ; REGISTRATION NUMBER: 38-304  
 ; REFERENCE/DOCKET NUMBER: A-65638/DJB/RMS  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (415) 781-1989  
 ; TELEFAX: (415) 949-8711  
 ; INFORMATION FOR SEQ ID NO: 2:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 2580 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: unknown  
 ; TOPOLOGY: unknown  
 ; MOLECULE TYPE: DNA  
 ; US-09-050-863-2

Query 545 AGACCAAACAGCACAGAGGGCCGGCTCAGGAGCAGATGAGTGGACTCTAGGCGAGCAGT 604  
 Db 485 CCCAGATCTGCTCTCCACACTGAAAGCAGATGAGTGGACTCTAGGCGAGCAGT 544  
 Db 1103 AGGAGCAGGAGGGCAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1162  
 Db 1043 AGGAGAGGGCAGGAGGGCAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1102  
 Query 605 AGATTGACCTTCTACTCCAGASGCCAGCTCCCTGAGGTGGAGGAGATATCCGAGAATGG 664  
 Db 1163 GGCAGGACAGGGGGCAGGAGGGCAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1222  
 Query 625 ACCAGAACAGGAGGG 1282  
 Db 1283 AGCAGGGCAGGAGGGCAGGAGGGGGCAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1342  
 Query 785 A 785  
 Db 1343 A 1343

RESULT 16  
 US-09-359-081-2  
 ; Sequence 2, Application US/09359081  
 ; Patent No. 631623  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Lao, Ying  
 ; APPLICANT: Hiang, Betty  
 ; APPLICANT: Payan, Don  
 ; TITLE OF INVENTION: Mammalian Protein Interaction Cloning  
 ; NUMBER OF SEQUENCES: 5  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Flehr, Hohbach, Test, Albritton & Herbert  
 ; STREET: 4 Embarcadero Center, Suite 3400  
 ; CITY: San Francisco  
 ; STATE: CA  
 ; COUNTRY: USA  
 ; ZIP: 94111-4187  
 ; COMPUTER READABLE FORM:  
 ; COMPUTER: IBM PC compatible  
 ; MEDIUM TYPE: Floppy disk  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/359,081  
 ; FILING DATE: 22-JUL-1999  
 ; CLASSIFICATION: <Unknown>  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Silva, Robin M.  
 ; REGISTRATION NUMBER: 38-304  
 ; REFERENCE/DOCKET NUMBER: A-65638/DJB/RMS  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (415) 781-9989  
 ; TELEFAX: (415) 949-8711  
 ; INFORMATION FOR SEQ ID NO: 2:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 2580 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: unknown  
 ; TOPOLOGY: unknown  
 ; MOLECULE TYPE: DNA  
 ; US-09-050-863-2

Query 365 CCCAGCTTCCCAGAACAGAACAGAGAACAGACAGCCAGGTCACTCATCGACACTCTGC 424  
 Db 923 GCGAGGAGGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 982  
 Query 425 GGATACCTGGAGAACGCAATGCTACTGTGCTATCTCTGAGCAGCAGCCCTGGCAGG 484  
 Db 993 AGGGCAGGAGCAGGGGGCAGGGGGCAGGGGGCAGGGGGCAGGGGGCAGGGGGCAGG 1042  
 Query 544 AGACCAAACAGCACAGAGGGCCGGCTCAGGAGCAGATGAGTGGACTCTAGGCGAGT 604  
 Db 1163 GGCAGGACAGGGGGCAGGAGGGCAGGAGGGAGGAGGAGGAGGAGGAGGAGGAGG 1222  
 Query 725 ACCAGAACAGGAGGG 1282  
 Db 1283 AGCAGGGCAGGAGGGCAGGAGGGGGCAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1342  
 Query 785 A 785  
 Db 1343 A 1343

LENGTH: 2580 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: unknown  
 TOPOLOGY: unknown  
 MOLECULE TYPE: DNA  
 SEQUENCE DESCRIPTION: SEQ ID NO: 2:  
 US-09-359-081-2

Query Match 2.0%; Score 41; DB 4; Length 2580;  
 Best Local Similarity 42.8%; Pred. No. 0.099; Matches 206; Conservative 0; Mismatches 275; Indels 0; Gaps 0;

QY 305 AGGGAGGAGAATGCTTGGATCGAGAATTCTAAAGATGACTGACAGAACATGTCAAG 364  
 Db 863 AGGAGGGCAGGGCCAGGGCAGGAGGGCAGGACAGGAGGGCAGGAGGGCAGGAGGG 922  
 QY 365 CCCAGCTTCCAGAAGACAAGGAGAACAGAGACAGCACCCAGTCATCATCGACACTGTG 424  
 Db 923 GGAGGAGGGCAGGAGGGCAGGAGGGCAGGAGGGCAGGAGGGCAGGAGGGCAGGAGGG 982  
 QY 425 GGATAGCTGCTGAGAAGCACTGCTACTGTGTATCTCGAGCAGGCCTGGCAGG 484  
 Db 983 AGGGCAGGAGGAGGGCAGGAGGGCAGGAGGGCAGGAGGGCAGGAGGGCAGGAGGG 1042  
 QY 485 CCGAGAGCTGCTCCACACTGAAAGCAGTGAAGTACTTAGGAGCAGCAGGAGG 544  
 Db 1043 AGGAGGAGGGCAGGAGGGCAGGAGGGCAGGAGGGCAGGAGGGCAGGAGGGCAGGAGGG 1102  
 QY 545 AGGCAAAACAGAACAGAGGAGGGCAGGAGGGCAGGAGGGCAGGAGGGCAGGAGGG 604  
 Db 1103 AGGGAGCAGGAGGGCAGGAGGGCAGGAGGGCAGGAGGGCAGGAGGGCAGGAGGG 1162  
 QY 605 AGTTGACTCTACTCCAGACCAGCCCTCCCTGAGGTGAGGAGATGATCCGGACATGG 664  
 Db 1163 GGAGGAGCAGGGGGAGGGAGGGAGGGAGGGAGGGAGGGAGGGAGGGAGGG 1222  
 QY 665 GGTGGGACACTGAGGGGAGGGAGGGAGGGAGGGAGGGAGGGAGGGAGGG 724  
 Db 1223 AGGAGGAGGGCAGGAGGGCAGGAGGGCAGGAGGGCAGGAGGGCAGGAGGGCAGGAGGG 1282  
 QY 725 AGGAGAATCTAAAGAGGCCACGGAGGGCTCAGGGAGGTGCTGACAAAGCTGAGGAGG 784  
 Db 1283 AGGGGGCAGGAGGGCAGGAGGGCAGGAGGGCAGGAGGGCAGGAGGGCAGGAGGG 1342  
 QY 785 A 785  
 Db 1343 A 1343

RESULT 17  
 US-09-130-114-1/c  
 Sequence 1, Application us/09130114  
 Patent No. 5916807

GENERAL INFORMATION:  
 GENERAL INFORMATION:  
 APPLICANT: Horlick, Robert A.

APPLICANT: DamaJ, Bassam B.

APPLICANT: Robbins, Alan K.

TITLE OF INVENTION: Eukaryotic Cells Stably Expressing Genes

TITLE OF INVENTION: From Multiple Transfected Episomes

FILE REFERENCE: 0867/1D903US1

CURRENT APPLICATION NUMBER: US/09/130,114

CURRENT FILING DATE: 1998-08-06

NUMBER OF SEQ ID NOS: 36

SOFTWARE: FASTSEQ for Windows Version 3.0

SEQ ID NO 1  
 LENGTH: 5452  
 TYPE: DNA  
 ORGANISM: VEBNA

US-09-130-114-1

Query Match 2.0%; Score 41; DB 2; Length 5452;

INFORMATION FOR SEQ ID NO: 1:

LENGTH: 2580 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: unknown  
 TOPOLOGY: unknown  
 MOLECULE TYPE: DNA  
 SEQUENCE DESCRIPTION: SEQ ID NO: 2:  
 US-09-359-081-2

Best Local Similarity 42.8%; Pred. No. 0.14; Matches 206; Conservative 0; Mismatches 275; Indels 0; Gaps 0;

QY 305 AGGGAGGAGAATGCTTGGATCGAGAATTCTAAAGATGACTGACAGAACATGTCAAG 364  
 Db 1942 AGGAGGGCAGGGCAGGAGGGCAGGAGGGCAGGAGGGCAGGAGGGCAGGAGGG 1883  
 QY 365 CCCAGCTTCCAGAAGACAAGGAGAACAGAGACAGCACCCAGTCATCATCGACACTGTG 424  
 Db 1882 GGAGGAGGGCAGGAGGGCAGGAGGGCAGGAGGGCAGGAGGGCAGGAGGGCAGGAGGG 1823  
 QY 425 GSGATAGGCTGCGAGAACGCAAATGCTACTGTGTATCTCGAGCAGGCCTGGCAGG 484  
 Db 1762 AGGAGGGCAGGAGGGCAGGAGGGCAGGAGGGCAGGAGGGCAGGAGGGCAGGAGGG 1703  
 QY 545 AGGACAAACAGAACAGAGGAGGGCAGGAGGGCAGGAGGGCAGGAGGGCAGGAGGG 604  
 Db 1702 AGGAGCAGGGGGCAGGAGGGCAGGAGGGCAGGAGGGCAGGAGGGCAGGAGGG 1643  
 QY 605 AGATTGACTCTACTCCAGACCAGCCCTCCCTGAGGTGAGGAGATGATCCGGACATGG 664  
 Db 1642 GGCAGGAGGGCAGGAGGGCAGGAGGGCAGGAGGGCAGGAGGGCAGGAGGG 1583  
 QY 665 GGTGGGACACTGAGGGGAGGGAGGGAGGGAGGGAGGGAGGGAGGGAGGG 724  
 Db 1582 AGGAGGGGGCAGGAGGGCAGGAGGGCAGGAGGGCAGGAGGGCAGGAGGG 1523  
 QY 725 AGGAGAATCTAAAGAGGCCACGGAGGGCTCAGGGAGGTGCTGACAAAGCTGAGGAGG 784  
 Db 1522 AGGGGGCAGGAGGGCAGGAGGGCAGGAGGGCAGGAGGGCAGGAGGG 1463  
 QY 785 A 785  
 Db 1462 A 1462

RESULT 18  
 US-09-910-647-1  
 Sequence 1, Application us/08910647  
 Patent No. 6255433

GENERAL INFORMATION:  
 APPLICANT: Zuckermann et al.

TITLE OF INVENTION: Compositions and Methods for  
 TITLE OF INVENTION: Polynucleotide Delivery

NUMBER OF SEQUENCES: 4

CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Chiron Corporation

STREET: 4560 Horton Street  
 CITY: Emeryville  
 STATE: California

COUNTRY: U.S.A.  
 ZIP: 94608-2916

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/910,647

FILING DATE:  
 CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:  
 NAME: Fujita, Sharon M.  
 REGISTRATION NUMBER: 38,459  
 REFERENCE/DOCKET NUMBER: 1218.002

TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (510) 923-2706  
 TELEX/FAX: (510) 655-3542

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:  
LENGTH: 9600 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single

MOLECULE TYPE: DNA (genomic)

US-08-910-647-1

Query Match

2.0%; Score 41; DB 4; Length 9600;

Best Local Similarity 42.8%; Pred. No. 0.19; 0; Mismatches 275; Indels 0; Gaps 0;

Matches 206; Conservative

QY 305 AGGAGGAGGAGATGCTGTGGATCGAGAAATTCTAAGAATGACTGACAGAATGTCAGAG 364  
Db 909 AGGGGGCAGGGGGCAGGGGGCAGGGGGCAGGGGGCAGGGGGCAGGGGGCAGGGGG 968

QY 365 CCCAGCTTCCAGAAAGACAAGGAGAACGAGCACAGCAGGACAGGACATCATCGACACTGC 424

Db 969 GGAGGAGGGGGCAGGAGCAGGAGGAGGGGGCAGGGGGCAGGGGGCAGGAGCAGGAGG 1028

QY 425 GGATAGCTGGAGAACGACATGCTACTGTGTTATCTCTGGACAGGCCCTGGCGAGG 484

Db 1029 AGGGCAGGAGGAGGGGGCAGGGGGCAGGGGGCAGGGGGCAGGGGGCAGGGGGCAGG 1088

QY 485 CCGAGATCTGCTCCACACTGAAAGACAGATGAAGTACTTAGGCGAGCAGCAGGATG 544

Db 1089 AGGAGGGGGAGGGGGCAGGGGGCAGGGGGCAGGGGGCAGGGGGCAGGGGGCAGGGGG 1148

QY 545 AGGCAAAACAAAGCACAAGGAGGAGGGGGCCGGCTCAGGAGCACAGATGAGACATGGC 604

Db 1149 AGGAGCAGGGGGCAGGAGCAGGAGGGGGCAGGGGGCAGGGGGCAGGGGGCAGGGGG 1208

QY 605 AGATGAGCTTCACTCAGACGACAGCTCCUTGAGGTGGAGGATGATCCAGACATGG 664

Db 1209 GGAGGAGGGGGCAGGGGGCAGGGGGCAGGGGGCAGGGGGCAGGGGGCAGGGGGCAGG 1268

QY 665 GTCTGGACAGTCAGCGGGACAGCTGGCTGTACTGTGTCCTCAAGAACAGT 724

Db 1269 AGGAGGGGGCAGGGGGCAGGGGGCAGGGGGCAGGGGGCAGGGGGCAGGGGGCAGGGGG 1328

QY 725 ACCAGAACTCTAAAGAGGCCACGCCAGGGCTCAGGGAGGTGGCTGACAGCTGGAGGAGG 784

Db 1329 AGGGGGCCAGGCCAGGAGGGGGCAGGGGGCAGGGGGCAGGGGGCAGGGGGCAGGGGG 1388

QY 785 A 785

Db 1389 A 1389

RESULT 19

US-07-884-811-15

Sequence 15, Application US/07884811

Patent No. 531621

GENERAL INFORMATION:

APPLICANT: Godowski, Paul J. Lokker, Nathalie A. Mark, Melanie R.

TITLE OF INVENTION: SINGLE-CHAIN HEPATOcyTE GROWTH FACTOR VARIANTS

NUMBER OF SEQUENCES: 21

CORRESPONDENCE ADDRESS:

ADDRESSEE: Genentech, Inc.

STREET: 460 Point San Bruno Blvd

STATE: California

COUNTRY: USA

ZIP: 94080

COMPUTER READABLE FORM:

MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk

COMPILER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: patin (Genentech)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/07/884,811

FILING DATE: 19920518

CLASSIFICATION: 530  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:

ATTORNEY/AGENT INFORMATION:  
NAME: drsger, Ginger R.  
REGISTRATION NUMBER: 33,055  
REFERENCE/DOCKET NUMBER: 755.1

TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415/725-3216  
TELEFAX: 415/795-9881

INFORMATION FOR SEQ ID NO: 15:

SEQUENCE CHARACTERISTICS:  
LENGTH: 10596 bases  
TYPE: NUCLEIC ACID

STRANDEDNESS: single  
TOPOLogy: Linear

US-07-884-811-15

Query Match

2.0%; Score 41; DB 1; Length 10596;

Best Local Similarity 42.8%; Pred. No. 0.2; 0; Mismatches 275; Indels 0; Gaps 0;

Matches 206; Conservative

QY 305 AGGAGGAGAATGCTGTGATGAGATCTTAAGAATGACTGACAGAACAGCAGGAGG 364

Db 2443 AGGAGGGCAGGGGGCAGGGGGCAGGGGGCAGGGGGCAGGGGGCAGGGGGCAGGGGG 2502

QY 365 CCCAGCTTCCAGAAAGACAGAACAGAGGAGGAGGAGGGGGCAGGGGGCAGGGGGCAGGGGG 424

Db 2503 GGCAGGAGGGCAGGGGGCAGGGAGGAGGGGGCAGGGGGCAGGGGGCAGGGGGCAGGGGG 2562

QY 425 GGATACCTGGAGAACGCAATGCTACTGTGTTATCTCTGGACAGGCCCTGGCGAGG 484

Db 2563 AGGGCAGGAGGAGGGGGCAGGGGGCAGGGGGCAGGGGGCAGGGGGCAGGGGGCAGGGGG 2622

QY 485 CCGAGATGGCTGCTCCACACTGAAAGACAGATGAAGTACTTAGGCGAGCAGCAGGATG 544

Db 2623 AGGAGGGGGCAGGGGGCAGGGGGCAGGGGGCAGGGGGCAGGGGGCAGGGGGCAGGGGG 2682

QY 545 AGGCAAAACAAAGCACAAGGAGGAGGGGGCCGGCTCAGGGAGGTGGCTGACAGCTGGAGGAGG 784

Db 2683 AGGAGCAGGGGGCAGGGGGCAGGGGGCAGGGGGCAGGGGGCAGGGGGCAGGGGGCAGGGGG 2742

QY 605 AGATGAGCTTCACTCAGACGACAGCTCCUTGAGGTGGAGGATGATCCAGACATGG 664

Db 2743 GGAGGAGGGGGCAGGGGGCAGGGGGCAGGGGGCAGGGGGCAGGGGGCAGGGGGCAGGGGG 2802

QY 665 GTGTGGACAGTCAGCGGGACAGCTGGCTGTACTGTGTCCTCAAGAACAGT 724

Db 2803 AGGAGGGGGCAGGGGGCAGGGGGCAGGGGGCAGGGGGCAGGGGGCAGGGGGCAGGGGG 2862

QY 725 ACCAGAACTCTAAAGAGGCCACGCCAGGGCTCAGGGAGGTGGCTGACAGCTGGAGGAGG 784

Db 2863 AGGGGGCCAGGCCAGGGGGCAGGGGGCAGGGGGCAGGGGGCAGGGGGCAGGGGGCAGGGGG 2922

QY 785 A 785

Db 2923 A 2923

RESULT 20

US-07-885-971-15

Sequence 15, Application US/07885971

Patent No. 532837

GENERAL INFORMATION:

APPLICANT: Godowski, Paul J. Lokker, Nathalie A. Mark, Melanie R.

TITLE OF INVENTION: HEPATOcyTE GROWTH FACTOR PROTEASE DOMAIN VARIANTS

NUMBER OF SEQUENCES: 21

CORRESPONDENCE ADDRESS:

ADDRESSEE: Genentech, Inc.

STREET: 460 Point San Bruno Blvd



Query Match 2.0%; Score 41; DB 1; Length 10596;  
 Best Local Similarity 42.8%; Pred. No. 0-2;  
 Matches 206; Conservative 0; Mismatches 275; Indels 0; Gaps 0;

QY 305 AGGAGGGAGATGTCTGGATCAGATACTTAAAGAATGACTGACAAATGTCAGAG 364  
 Db 2443 AGGGGGCCAGGGGAGGGGAGGAGCAGGAGGGCAGGAGGGCAGGAGGAGG 2502  
 QY 365 CCCAGCTTCCAGAACGAGCAAGGAGAACGAGCACGCCAGTCATCATGCAC 424  
 Db 2503 GGCGAGGGCAGGAGCAGGAGGGCAGGGCAGGAGGGCAGGAGGAGGAGG 2562  
 QY 425 GGATACGCTGGAGAACGCAAATGCTACTGTGTTATCTTGAGCAGGCC 484

RESULT 22  
 US-08-194-088B-15  
 Sequence 15, Application US/08194088B  
 PATENT NO. 5580963

GENERAL INFORMATION:  
 APPLICANT: Godowski, Paul J. Lokker, Nathalie A. Mark, Melanie R.  
 TITLE OF INVENTION: SINGLE-CHAIN HEPATOCYTE GROWTH FACTOR VARIANTS  
 NUMBER OF SEQUENCES: 21  
 CORRESPONDENCE ADDRESS:

ADDRESSEE: Gentech, Inc.  
 STREET: 460 Point San Bruno Blvd  
 CITY: South San Francisco  
 STATE: California  
 COUNTRY: USA  
 ZIP: 94080

COMPUTER READABLE FORM:  
 MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patin (gentech)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/194,088B  
 FILING DATE: 09-FEB-1994  
 CLASSIFICATION: 530

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/884811  
 FILING DATE: 18-MAY-1992

ATTORNEY/AGENT INFORMATION:

NAME: Gallegos, R. Thomas  
 REGISTRATION NUMBER: 32,692  
 REFERENCE/DOCKET NUMBER: 755B1

TELECOMMUNICATION INFORMATION:

TELEPHONE: 415/225-2614  
 TELEFAX: 415/952-8881  
 TELEX: 910/371-7168

INFORMATION FOR SEQ ID NO: 15:

SEQUENCE CHARACTERISTICS:  
 LENGTH: 10596 bases  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear

US-08-194-088B-15

Query Match 2.0%; Score 41; DB 2; Length 10596;  
 Best Local Similarity 42.8%; Pred. No. 0-2;  
 Matches 206; Conservative 0; Mismatches 275; Indels 0; Gaps 0;

QY 485 CGCAGATGCTGTGCTCCACACTGAAAGACAGATGAGTACTTAGCCAGCAGGATG 544  
 Db 2623 AGGAGGGCCAGGGGGAGGGCAGGAGGGCAGGAGGGCAGGAGGGC 2682  
 QY 725 AGCAGATCTAAAGAGCAGCTGAAGGCCTCAGGGAGGTGCTGACAAGTGAGG 784  
 Db 2863 AGGAGGGCAGGAGGGCAGGGGCAGGAGGGCAGGAGGGCAGGAGGGC 2922  
 QY 785 A 785  
 Db 2923 A 2923

RESULT 23  
 US-08-194-087-15  
 Sequence 15, Application US/08194087  
 PATENT NO. 5879910

GENERAL INFORMATION:  
 APPLICANT: Godowski, Paul J. Lokker, Nathalie A. Mark, Melanie R.  
 TITLE OF INVENTION: HEPATOCYTE GROWTH FACTOR PROTEASE DOMAIN VARIANTS  
 NUMBER OF SEQUENCES: 21  
 CORRESPONDENCE ADDRESS:

ADDRESSEE: Gentech, Inc.  
 STREET: 460 Point San Bruno Blvd  
 CITY: South San Francisco  
 STATE: California  
 COUNTRY: USA  
 ZIP: 94080

COMPUTER READABLE FORM:  
 MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patin (gentech)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/194,087  
 FILING DATE: 18-MAY-1992  
 CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER:  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Dreger, Ginger R.  
 REGISTRATION NUMBER: 33,055  
 REFERENCE/DOCKET NUMBER: 779

TELECOMMUNICATION INFORMATION:

TELEPHONE: 415/225-3216  
 TELEFAX: 415/952-9881  
 TELEX: 910/371-7168

INFORMATION FOR SEQ ID NO: 15:

SEQUENCE CHARACTERISTICS:  
 LENGTH: 10596 bases  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear

US-08-194-087-15

Query Match 2.0%; Score 41; DB 2; Length 10596;  
 Best Local Similarity 42.8%; Pred. No. 0-2;  
 Matches 206; Conservative 0; Mismatches 275; Indels 0; Gaps 0;

QY 545 AGCAGAACAGCACAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 604  
 Db 2683 AGGAGGGCAGGAGGGCAGGGAGGAGGAGGAGGAGGAGGAGGAGG 2742  
 QY 605 AGATTGAGCTCTACTCCAGAGCCACTCCCTGAGCTGGAGGAGATGATCCGAGGACATGG 664  
 Db 2743 GGCAGGAGCAGGGCAGGGCAGGAGGAGGAGGAGGAGGAGGAGG 2802  
 QY 665 GTGTGGACAGTCAGGGTGACAGCTGGTGTGTAAGTGTCTCAAGAAGAGT 724  
 Db 2803 AGGAGGGCCAGGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 2862  
 QY 725 AGCAGATCTAAAGAGCAGGAGCAGAACGCTCAGGGAGGTGCTGACAAGTGAGG 784  
 Db 2863 AGGAGGGCAGGAGGGCAGGGAGGAGGAGGAGGAGGAGGAGGAGG 2922  
 QY 785 A 785  
 Db 2923 A 2923

RESULT 24  
 US-08-194-088B-15  
 Sequence 15, Application US/08194088B  
 PATENT NO. 5580963

GENERAL INFORMATION:  
 APPLICANT: Godowski, Paul J. Lokker, Nathalie A. Mark, Melanie R.  
 TITLE OF INVENTION: SINGLE-CHAIN HEPATOCYTE GROWTH FACTOR VARIANTS  
 NUMBER OF SEQUENCES: 21  
 CORRESPONDENCE ADDRESS:

ADDRESSEE: Gentech, Inc.  
 STREET: 460 Point San Bruno Blvd  
 CITY: South San Francisco  
 STATE: California  
 COUNTRY: USA  
 ZIP: 94080

COMPUTER READABLE FORM:  
 MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patin (gentech)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/194,088B  
 FILING DATE: 09-FEB-1994  
 CLASSIFICATION: 530

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/884811  
 FILING DATE: 18-MAY-1992

ATTORNEY/AGENT INFORMATION:  
 NAME: Gallegos, R. Thomas  
 REGISTRATION NUMBER: 32,692  
 REFERENCE/DOCKET NUMBER: 755B1

TELECOMMUNICATION INFORMATION:

TELEPHONE: 415/225-2614  
 TELEFAX: 415/952-8881  
 TELEX: 910/371-7168

INFORMATION FOR SEQ ID NO: 15:

SEQUENCE CHARACTERISTICS:  
 LENGTH: 10596 bases  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear

US-08-194-088B-15

Best Local Similarity 42.8%; Pred. No. 0.2; Matches 206; Conservative 0; Mismatches 275; Indels 0; Gaps 0;

QY 305 AGGAGGAGGAGATGCTCTTGGAGAGATTCTTAAGATGAACTGGCAATGTCAGAG 364  
 Db 2443 AGGAGGGCAGGGAGGGCAGGGAGGGCAGGGAGGGCAGGGAGGGCAGGGAGGG 2502

QY 365 CCGACCTTCCGAAGAACGAGAACGAGACAGGCAGGGAGGGAGGGCAGGGAGGG 424  
 Db 2503 GGAGGAGGGCAGGGAGGGAGGGAGGGCAGGGAGGGCAGGGAGGGCAGGGAGGG 2562

QY 425 GGATATACGCTGGAGAACCAAATGCTACTGTGTTATCTCTGCGACAGCAGGGCTTGGCAGG 484  
 Db 2563 AGGGCAGGAGCAGGGAGGGCAGGGAGGGCAGGGAGGGCAGGGAGGGCAGGG 2622

QY 485 CCCAGATGCTGTCCTCCACACTCTAAAGCAGTGAAGTACTTAGACGAGCAGGATG 544  
 Db 2623 AGGAGGAGGGCAGGGCAGGGAGGGCAGGGAGGGCAGGGAGGGCAGGGAGGG 2682

QY 545 AGACCAACAAAGACAAGAGGGAGGGCCGGGGTCAGGGCAAGATGAGACCATGGAGC 604  
 QY 665 GTCTGGGACAGTCAGCGCTGGACAGCAGCTGGCTGTGAGCTCAAGAAAGT 724  
 Db 2803 AGRRGGAGGGCAGGGAGGGCAGGGAGGGCAGGGAGGGCAGGGAGGGCAGGGC 2862

QY 725 AGCGAAACTAAAGAGGCCACGGAGGGCTCAGGGAGGTGGTGACAGCTGGAGG 784  
 Db 2863 AGGAGGGCAGGGCAGGGAGGGCAGGGAGGGCAGGGAGGGCAGGGAGGG 2922

QY 785 A 785  
 Db 2923 A 2923

RESULT 24

PCT-US93-04648-15

Sequence 15, Application PC/TUS9304648

GENERAL INFORMATION:

APPLICANT: Genentech, Inc., Godowski, Paul J., Lokker, Natalie A., Mark, Melanie R.

TITLE OF INVENTION: HEPATOCYTE GROWTH FACTOR VARIANTS

NUMBER OF SEQUENCES: 21

CORRESPONDENCE ADDRESS:

ADDRESSEE: Genentech, Inc.  
 STREET: 460 Point San Bruno Blvd  
 CITY: South San Francisco  
 STATE: California  
 COUNTRY: USA  
 ZIP: 94080

COMPUTER READABLE FORM:  
 COMPUTER TYPE: 5 1/4 inch, 360 kb floppy disk  
 COMPUTER SYSTEM: IBM PC compatible  
 SOFTWARE: PC-DOS/MS-DOS

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US93/04648  
 FILING DATE: 19930517  
 CLASSIFICATION:  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: 07/884811  
 FILING DATE: 18-MAY-92

PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 07/885971  
 FILING DATE: 18-MAY-92

ATTORNEY/AGENT INFORMATION:

NAME: Drager, Ginger R.  
 REGISTRATION NUMBER: 33,055  
 REFERENCE/DOCKET NUMBER: 755,779P1

TELECOMMUNICATION INFORMATION:

TELEPHONE: 415/225-3216  
 TELEFAX: 415/52-9881  
 TELEX: 910/371-7168

INFORMATION FOR SEQ ID NO: 15:

SEQUENCE CHARACTERISTICS:

LENGTH: 10596 bases  
 TYPE: NUCLEAR ACID  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 PCT-US93-04648-15

Query Match 2.0%; Score 41; DB 5; Length 10596;  
 Best Local Similarity 42.8%; Pred. No. 0.2; Matches 206; Conservative 0; Mismatches 275; Indels 0; Gaps 0;

QY 305 AGGAGGAGGAGAATGCTCTTGGATGAGAACTTAAAGATGAACTGGACATGAG 364  
 Db 2443 AGGAGGGCAGGGAGGGCAGGGAGGGCAGGGAGGGCAGGGAGGGCAGGG 2502

QY 365 CCCAGCTTCCGAAGAACGAGAACGAGAACGAGACGCCAGTCATCATGACACTCTGC 424  
 Db 2623 AGGGCAGGGCAGGGCAGGGCAGGGCAGGGCAGGGCAGGGCAGGGCAGGG 2682

QY 425 GGATACCTGGAGAACGCAATGCTACTGTGTTATCTCTGAGCAGGCCCTGGGAAGG 484  
 Db 2563 AGGGCAGGGCAGGGCAGGGCAGGGCAGGGCAGGGCAGGGCAGGGCAGGG 2622

QY 485 CCCAGATGCTGTCCTCCACACTCTAAAGAATGAACTGGACATGAGCAG 544  
 Db 2623 AGGAGGGCAGGGCAGGGCAGGGCAGGGCAGGGCAGGGCAGGGCAGGG 2682

QY 545 AGACCAACAAAGACAAGAGGGAGGGCCGGGGTCAGGGCAAGATGAGACCATGGAGC 604  
 QY 665 GTCTGGGACAGTCAGCGCTGGACAGCAGCTGGCTGTGAGCTCAAGAAAGT 724  
 Db 2803 AGRRGGAGGGCAGGGAGGGCAGGGAGGGCAGGGAGGGCAGGGAGGGCAGGGC 2862

QY 725 AGCGAAACTAAAGAGGCCACGGAGGGCTCAGGGAGGTGGTGACAGCTGGAGG 784  
 Db 2863 AGGAGGGCAGGGCAGGGAGGGCAGGGAGGGCAGGGAGGGCAGGGAGGG 2922

QY 785 A 785  
 Db 2923 A 2923

RESULT 25

US-08-317-522A-8

Sequence 8, Application US/08317522A

PATENT NO. 5599918

GENERAL INFORMATION:

APPLICANT: Fukuda, Michiko N.

TITLE OF INVENTION: Trophinin and Trophinin-Assisting Proteins

NUMBER OF SEQUENCES: 13

CORRESPONDENCE ADDRESS:

ADDRESSEE: Campbell and Flores  
 STREET: 4370 La Jolla Village Drive, Suite 700  
 CITY: San Diego  
 STATE: California  
 COUNTRY: USA  
 ZIP: 92122

COMPUTER READABLE FORM:  
 COMPUTER TYPE: Floppy disk  
 COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patentin Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/317,522A  
 FILING DATE: 04-OCT-1994  
 CLASSIFICATION: 536  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Campbell, Cathryn A.  
 REFERENCE/DOCKET NUMBER: P-LA 9991  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (619) 535-9001  
 TELEFAX: (619) 535-8949  
 INFORMATION FOR SEQ ID NO: 8:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 2223 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 FEATURE:  
 NAME/KEY: CDS  
 LOCATION: 199..2223  
 US-08-317-522A-8

Query Match 2.0%; Score 40; DB 1; Length 2223;  
 Best Local Similarity 48.3%; Pred. No. 0.18; Mismatches 112; Indels 0; Gaps 0;  
 Matches 112; Conservative 0;  
 QY 464 TCCAGCAGGCCATTGGCAAGGCCAGATGCGTGCCTCACACTGAAACAGATGAACT 523  
 Db 1298 TGCAGCAGGAGGACTGCAGGGATCGTGATCAAGACAGAGGACAAGAGGAGG 1357  
 QY 524 ACTTAGCAGCAGCAGGATGAGGACCAACAAAGCACAGAGGAGGGGGCGCTCAGGA 583  
 Db 1358 AAGAAGAGGAGGAGGAGGATGAGCTGCTACTCAGAGCCAGCTCCGTAGTTGG 1417  
 QY 584 GCAAGATGAGGACCATGGAGGATGAGCTGAGGAGCTCCGTAGTTGG 643  
 Db 1418 GGAGATATGAGGCCAGATGATGACCAGACCCCCCTGCCGGGGAGATGCCCCGGAGGGC 1477  
 QY 644 AGGAGATGATCCGAGACATGGGTGGAGACAGTCAGGGTGTGGAGCTGGC 695  
 Db 1478 AGGAGGCCCGCCCTGCAAGTGGAAACCCCGCAGTGAAAGGCTGGC 1529

RESULT 26  
 US-08-439-818A-8  
 Sequence 8, Application US/08439818A  
 Patent No. 5651145  
 GENERAL INFORMATION:  
 APPLICANT: Fukuda, Michiko N.  
 TITLE OF INVENTION: Trophinin and Trophinin-Assisting  
 NUMBER OF SEQUENCES: 22  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Campbell and Flores  
 STREET: 4370 La Jolla Village Drive, Suite 700  
 CITY: San Diego  
 STATE: California  
 COUNTRY: USA  
 ZIP: 92122  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patentin Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/439,818A  
 FILING DATE: 12-MAY-1995  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/317,522

RESULT 26  
 US-08-439-818A-8  
 Sequence 8, Application US/08439818A  
 Patent No. 5651145  
 GENERAL INFORMATION:  
 APPLICANT: Fukuda, Michiko N.  
 TITLE OF INVENTION: Trophinin and Trophinin-Assisting  
 NUMBER OF SEQUENCES: 22  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Campbell and Flores  
 STREET: 4370 La Jolla Village Drive, Suite 700  
 CITY: San Diego  
 STATE: California  
 COUNTRY: USA  
 ZIP: 92122  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patentin Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/751,965  
 FILING DATE: Herewith  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/439,818  
 FILING DATE: 12-MAY-1995  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Campbell, Cathryn A.  
 REGISTRATION NUMBER: 31,815  
 REFERENCE/DOCKET NUMBER: P-LA 1163

RESULT 27  
 US-08-751-965-8  
 Sequence 8, Application US/08751965  
 Patent No. 5853360  
 GENERAL INFORMATION:  
 APPLICANT: Fukuda, Michiko N.  
 TITLE OF INVENTION: Trophinin and Trophinin-Assisting  
 NUMBER OF SEQUENCES: 22  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Campbell and Flores  
 STREET: 4370 La Jolla Village Drive, Suite 700  
 CITY: San Diego  
 STATE: California  
 COUNTRY: USA  
 ZIP: 92122  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patentin Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/751,965  
 FILING DATE: Herewith  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/439,818  
 FILING DATE: 12-MAY-1995  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Campbell, Cathryn A.  
 REGISTRATION NUMBER: 31,815  
 REFERENCE/DOCKET NUMBER: P-LA 2252

TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (619) 535-9001  
 INFORMATION FOR SEQ ID NO: 8:

SEQUENCE CHARACTERISTICS:  
 LENGTH: 2223 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear

FEATURE:  
 NAME/KEY: CDS  
 LOCATION: 199..2223

US-08-751-965-8

Query Match 2.0%; Score 40; DB 2; Length 2223;  
 Best Local Similarity 48.3%; Pred. No. 0.18; Mismatches 120; Indels 0; Gaps 0;  
 Matches 112; Conservative 0; MisMatches 120; Indels 0; Gaps 0;

QY 464 TCGACGAGGCCCTGGCAGGGCGAGATGCTGTGCTCCACACTGAAAGCAGATGAGT 523  
 Db 1298 TGCAGCAGGAACTGCAAGGGAGGAGTCATCAANGACAGAGGAACAAGAGGAGG 1357

QY 524 ACTTAGACCAGCAGCAGGATGAGAACACAAACAAACAGCACAGAGGGGGGGGGCTAGGA 583  
 Db 1358 AGGAGAGGAGGAGGAGGATGAGCTTGCTGAGCTTACTCCAGAGCCACTCCTTGAGCTGG 1417

QY 584 GCAGAGTGAAGACATGGAGCATGGAGCATGGAGATGAGCTTGCTACTCCAGAGCCAGCTCCCTGAGTGG 643  
 Db 1418 GGAGATAATGAGGCGTGTACAGACAGACCCGCTGCGGGGGAGATGCCCCGAGGGCG 1477

QY 644 AGGAGATGCTGGAGACATGGGTGGACAGTCAAGGGTGGACAGCTGGC 695  
 Db 1478 AGGAGAGCCCCGGCCCTGCAAGTTGGAAACCCCGCAGTGAAAAGGCTGGC 1529

RESULT 28  
 Sequence 8 Application US/08738975  
 ; PATENT NO. 5880267

GENERAL INFORMATION:  
 APPLICANT: Fukuda, Michiko N.

TITLE OF INVENTION: Trophinin and Trophinin-Assisting  
 TITLE OF INVENTION: Proteins  
 NUMBER OF SEQUENCES: 22  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Campbell and Flores  
 STREET: 4370 La Jolla Village Drive, Suite 700  
 CITY: San Diego  
 STATE: California  
 COUNTRY: USA  
 ZIP: 92122

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 FILING DATE: herewith

CLASSIFICATION: 435  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: US 08/439,818

CURRENT APPLICATION DATA:  
 FILING DATE: 05-Dec-1995

ATTORNEY/AGENT INFORMATION:  
 NAME: Campbell, Cathryn A.

REGISTRATION NUMBER: 31,815  
 REFERENCE/DOCKET NUMBER: P-LA 1563

TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (619) 535-9001  
 TELEFAX: (619) 535-8949

TELEPHONE: (619) 535-9001  
 TELEFAX: (619) 535-8949

INFORMATION FOR SEQ ID NO: 8:

SEQUENCE CHARACTERISTICS:  
 LENGTH: 2223 base pairs

TYPE: nucleic acid  
 STRANDEDNESS: single

TOPOLOGY: linear

PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/439,818

FILING DATE: 04-OCT-1994

ATTORNEY/AGENT INFORMATION:  
 NAME: Campbell, Cathryn A.

REGISTRATION NUMBER: 31,815  
 REFERENCE/DOCKET NUMBER: P-LA 1563

TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (619) 535-9001  
 TELEFAX: (619) 535-8949

INFORMATION FOR SEQ ID NO: 8:

SEQUENCE CHARACTERISTICS:  
 LENGTH: 2223 base pairs

LENGTH: 2223 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear

FEATURE:  
 NAME/KEY: CDS  
 LOCATION: 199..2223

US-08-738-975-8

Query Match 2.0%; Score 40; DB 2; Length 2223;  
 Best Local Similarity 48.3%; Pred. No. 0.18; Mismatches 120; Indels 0; Gaps 0;  
 Matches 112; Conservative 0; MisMatches 120; Indels 0; Gaps 0;

QY 464 TCGACGAGGCCCTGGCAGGGCGAGATGCTGTGCTCCACACTGAAAGCAGATGAGT 523  
 Db 1298 TGCAGCAGGAACTGCAAGGGAGGAGTCATCAANGACAGAGGAACAAGAGGAGG 1357

QY 524 ACTTAGACCAGCAGCAGGATGAGAACACAAACAAACAGCACAGAGGGGGGGGGCTAGGA 583  
 Db 1358 AGGAGAGGAGGAGGAGGATGAGCTTGCTGAGCTTGCCAGACTTGCAATCCCTTGAGCTGG 1417

QY 584 GCAGAGTGAAGACATGGAGCATGGAGCATGGAGATGAGCTTGCTACTCCAGAGCCAGCTCCCTGAGTGG 643  
 Db 1418 GGAGATAATGAGGCGTGTACAGACAGACCCGCTGCGGGGGAGATGCCCCGAGGGG 1477

QY 644 AGGAGATGCTGGAGACATGGGTGGACAGTCAAGGGTGGACAGCTGGC 695  
 Db 1478 AGGAGGCCCGGCCCTGCAAGTTGGAAACCCCGCAGTGAAAAGGCTGGC 1529

RESULT 29  
 Sequence B Application US/08728626  
 ; PATENT NO. 591451

GENERAL INFORMATION:  
 APPLICANT: Fukuda, Michiko N.

TITLE OF INVENTION: Trophinin and Trophinin-Assisting  
 TITLE OF INVENTION: Proteins

NUMBER OF SEQUENCES: 22  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Campbell and Flores

STREET: 4370 La Jolla Village Drive, Suite 700  
 CITY: San Diego  
 STATE: California  
 COUNTRY: USA  
 ZIP: 92122

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/728,626

FILING DATE:  
 CLASSIFICATION: 435  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: US 08/439,818

FILING DATE: 12-MAY-1995  
 APPLICATION NUMBER: US 08/317,522

FILING DATE: 04-OCT-1994  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Campbell, Cathryn A.

REGISTRATION NUMBER: 31,815  
 REFERENCE/DOCKET NUMBER: P-LA 1563

TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (619) 535-9001  
 TELEFAX: (619) 535-8949

INFORMATION FOR SEQ ID NO: 8:

SEQUENCE CHARACTERISTICS:  
 LENGTH: 2223 base pairs

TYPE: nucleic acid  
 STRANDEDNESS: single

TOPOLOGY: linear  
 FEATURE: CDS  
 NAME/KEY: CDS  
 LOCATION: 199..2223  
 US-08-728-626-8

---

Query Match 2.0%; Score 40; DB 2; Length 2223;  
 Best Local Similarity 48.3%; Pred. No. 0.18; Indels 0; Gaps 0;  
 Matches 112; Conservative 0; Mismatches 120; Indels 0; Gaps 0;

QY 464 TCCAGCAGGCCCTGGGAAAGGCCAGATGCCTGCTCACACTGAAAGAGATGAGT 523  
 Db 1298 TCCAGCAGCAGGAGACTGCACGGGGATCGTCAGACAGAGGAACAAGAGGAGG 1357

QY 524 ACTTAGGCAGCAGGATGAGGACAAACAGAACAGAGGGGGGGGGCTGAGGA 583  
 Db 1358 AAGAAGAGGAGGAGGAGGATGAGCTGCAGCAGACTGCAATCCCTGGGAGCTCCG 1417

QY 584 GCAAGATGAGACATGGGTGTGGACAGACTCAGCGGTGAGACAGCTGGC 643  
 Db 1418 GGAGATGAGGCCAGTAGTGTACAGACCCCTGCCCCGGAGATGTCGGAGGGCG 1477

QY 644 AGGAGATGAGCAGATGGGTGTGGACAGCTAGGGTGAGCTGAGCTGGC 695  
 Db 1478 AGGAGACCCCCCCCCTGCAAGTGAACCCCGCAGTGAAGAGCTGGC 1529

RESULT 30  
 US-08-808-599A-8

Sequence 8, Application US/08808599A  
 Patent No. 611089

GENERAL INFORMATION:  
 APPLICANT: Fukuda, Michiko N.  
 TITLE OF INVENTION: Trophinin, Trophinin-Assisting Proteins and Methods to Inhibit Implantation Number of Sequences: 41  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Campbell & Flores LLP  
 STREET: 4370 La Jolla Village Drive, Suite 700  
 CITY: San Diego  
 STATE: California  
 COUNTRY: USA  
 ZIP: 92122

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/808,599A  
 FILING DATE: 28-FEB-1997  
 CLASSIFICATION: 424

PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/317,522  
 FILING DATE: 04-OCT-1994  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/439,818  
 FILING DATE: 12-MAY-1995  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Campbell, Cathryn A.  
 REGISTRATION NUMBER: 31,815  
 REFERENCE/DOCKET NUMBER: P-LA 2256  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (619) 535-9001  
 TELEX: (619) 535-8949

INFORMATION FOR SEQ ID NO: 8:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 2223 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 FEATURE: linear

---

Query Match 2.0%; Score 40; DB 3; Length 2223;  
 Best Local Similarity 48.3%; Pred. No. 0.18; Indels 0; Gaps 0;  
 Matches 112; Conservative 0; Mismatches 120; Indels 0; Gaps 0;

QY 464 TCCAGCAGGCCCTGGGAAAGGCCAGATGCCTGCTCACACTGAAAGAGATGAGT 523  
 Db 1298 TCCAGCAGCAGGAGACTGCACGGGGATCGTCAGACAGAGGAACAAGAGGAGG 1357

QY 524 ACTTAGGCAGCAGGATGAGGACAAACAGAACAGAGGGGGGGCTGAGGA 583  
 Db 1358 AAGAAGAGGAGGAGGAGGATGAGCTGCAGCAGACTGCAATCCCTGGGAGCTCCG 1417

QY 584 GCAAGATGAGACATGGGTGTGGACAGCTAGGGTGAGCTGAGCTGGC 643  
 Db 1418 GGAGATGAGGCCAGTAGTGTACAGACCCCTGCCCCGGAGATGTCGGAGGGCG 1477

QY 644 AGGAGATGAGCAGATGGGTGTGGACAGCTAGGGTGAGCTGAGCTGGC 695  
 Db 1478 AGGAGACCCCCCCCCTGCAAGTGAACCCCGCAGTGAAGAGCTGGC 1529

RESULT 31  
 US-08-785-420-1

Sequence 1, Application US/08785420  
 Patent No. 6001976

GENERAL INFORMATION:  
 APPLICANT: MacLeishman, David H  
 APPLICANT: O'Brien, Peter J.  
 TITLE OF INVENTION: DIAGNOSIS FOR PORCINE MALIGNANT HYPERHERMIA  
 NUMBER OF SEQUENCES: 3  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Bell, Seltzer, Park & Gibson  
 STREET: P.O. Drawer 34009  
 CITY: Charlotte  
 STATE: NC 28234  
 COUNTRY: U.S.A.  
 ZIP: 28234

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patentin Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/785,420  
 FILING DATE:  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/249,388  
 FILING DATE:  
 APPLICATION NUMBER: US 08/030,159  
 FILING DATE: 15-MAR-1993  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Layton,Jr., Samuel G.  
 REGISTRATION NUMBER: 22207  
 REFERENCE/DOCKET NUMBER: 3477-7-3  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 704-377-1561  
 TELEFAX: 704-334-2014  
 TELEX: 57-5102

INFORMATION FOR SEQ ID NO: 1:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 15378 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA (genomic)  
 HYPOTHETICAL: NO

ANTI-SENSE: NO  
IMMEDIATE SOURCE:  
CLONE: Porcine RYR1 Gene  
POSITION IN GENOME:  
; UNITS: bp  
US-08-785-420-1

Query Match 2.0%; Score 39.2; DB 3; Length 15378;  
Best Local Similarity 49.5%; Pred. No. 0.76; Mismatches 0; Indels 0; Gaps 0;  
Matches 101; Conservative 0; Mismatches 103; Indels 0; Gaps 0;

QY 588 GATGAAAGCATTGGCGATGGCTACTCCAGGCCACCTCCCTGAGGTGGAGGA 647  
Db 5709 AGGCAGATCTTGAGATGTTGAGCCGAAATTCTGCACTGAGGAAGAGGAGGAGGA 5768

QY 648 GATGATCGAGAATGGGTGGACACTCAGGGTGAACACTGGCTGTGACTGT 707  
Db 5769 GGGGAGAAGAGGAGGAGAAGAGTGGGGAGGAGGAGGAGGAGGAGGAGGA 5828

QY 708 GTCTCTCAGAAGAGTAGCTAGAGATCTAAAGGGCAGGGCTCAGGGAGGGC 767  
Db 5829 GGCACTGGAGAAGGAGGATGAGGAAGAAGGAGGAGGAGGAGCAGAAGGGAAAAGA 5888

QY 768 TGCAGAACGTGAGGAAGGATTGT 791  
Db 5889 AGATACTTGGAGGAAGGGCTGCT 5912

RESULT 32  
US-08-557-309B-16  
Sequence 16, Application US/08557309B  
Patient No. 5916572  
GENERAL INFORMATION:  
APPLICANT: Reed Steven G.  
APPLICANT: Skeiky, Yasir A.W.  
APPLICANT: Lodes, Michael J.  
APPLICANT: Houghton, Raymond L.  
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THE DETECTION AND PREVENTION OF T NUMBER OF SEQUENCES: 69  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: SEED and BERRY LLP  
STREET: 6300 Columbia Center, 701 Fifth Avenue  
CITY: Seattle  
STATE: Washington  
COUNTRY: USA  
ZIP: 98104-7092  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/557,309B  
FILING DATE: 14-NOV-1995  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Maki, David J.  
REGISTRATION NUMBER: 31,392  
REFERENCE/DOCKET NUMBER: 210121.422C1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 672-4900  
TELEFAX: (206) 682-6031  
INFORMATION FOR SEQ ID NO: 16:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 456 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-557-309B-16

RESULT 33  
US-08-834-306-16  
Sequence 16, Application US/08834306  
Patient No. 6051135  
GENERAL INFORMATION:  
APPLICANT: Reed Steven G.  
APPLICANT: Skeiky, Yasir A.W.  
APPLICANT: Lodes, Michael J.  
APPLICANT: Houghton, Raymond L.  
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THE DETECTION AND PREVENTION OF T NUMBER OF SEQUENCES: 65  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: SEED and BERRY LLP  
STREET: 6300 Columbia Center, 701 Fifth Avenue  
CITY: Seattle  
STATE: Washington  
COUNTRY: USA  
ZIP: 98104-7092  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/834,306  
FILING DATE: 15-APR-1997  
CLASSIFICATION: 424  
ATTORNEY/AGENT INFORMATION:  
NAME: Maki, David J.  
REGISTRATION NUMBER: 31,392  
REFERENCE/DOCKET NUMBER: 210121.422C1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 672-4900  
TELEFAX: (206) 682-6031  
INFORMATION FOR SEQ ID NO: 16:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 456 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-834-306-16

Query Match 1.9%; Score 39; DB 2; Length 456;

Best Local Similarity 44.6%; Pred. No. 0.15; Length 456;

Matches 153; Conservative 0; Mismatches 190; Indels 0; Gaps 0;

QY 305 AGGAGGGAGGAGATGTCCTGGATCGAGAATTCATAAGAATGACTGGACATATGTCAGAG 364  
Db 57 AGGGGATGACCCGTCGGCGAGAAATGCCACGTGCAAGAAGGGATGACGCCGTGG 116

QY 365 CCCAGCTTCCAGAACAGACAGAACAGACAGCAGTCATCATGCACACTCTGC 424  
Db 117 CGGAGAATGCCAGCTGCAAGAGAGGATGACGCCGTGGAGAAATGCCACGTGC 176

QY 425 GGGATACGCTGGAGAACGCAATGCTACTGTGTTATCTGCAAGCAGGCCCTGGGAAGG 484  
Db 177 AGAGGAGGGATGACGCCGTGGAGAACAGACAGTCATCATGCACACTCTGC 236

QY 485 CGGAGATGCTGCTCACACTGAAAGCAGATGAGTACTTAGCAGCAGCAGGATG 544  
Db 237 CGGTGGGGAGATGCCAGCTGAGGGAGGGATGACGCCGTGGCGAGGAGATGCC 296

QY 545 AGACCAACACAGCACAGGAGGGGGGGGGCTCAGGAGCAAGATGAAAGACATGGAC 604  
Db 297 AGCTGAGAAGGAGGATGGAGCTGGGAGGATGCCAGCTGAGGGAGAGGG 356

QY 605 AGATTGAGCTCTACTCCAGAGCAGCTCCCTGAGGTGGAGA 647  
Db 357 ATGAAGCCGTGGGGAGAATGCCAGCTGCAAGAAGGAGGG 399

RESULT 34  
US-08-993-674A-16  
; Sequence 16, Application US/08993674A

Patent No. 6228372

GENERAL INFORMATION:

APPLICANT: Reed, Steven G.

APPLICANT: Skelby, Yasir A.W.

APPLICANT: Lodes, Michael J.

APPLICANT: Houghton, Raymond L.

APPLICANT: Smith, John M.

APPLICANT: McNeil, Patricia D.

TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THE DETECTION AND PREVENTION OF T NUMBER OF SEQUENCES: 81

CORRESPONDENCE ADDRESS:

ADDRESSEE: SEED and BERRY LLP  
STREET: 6300 Columbia Center, 701 Fifth Avenue  
CITY: Seattle  
STATE: Washington  
COUNTRY: USA  
ZIP: 98104-7092

COMPUTER READABLE FORM:

MEDIUM TYPE: FLOPPY disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/993-674A  
FILING DATE: 18-DEC-1997  
CLASSIFICATION: 424

ATTORNEY/AGENT INFORMATION:

NAME: Maki, David J.

REGISTRATION NUMBER: 31,392  
REFERENCE/DOCKET NUMBER: 210121.422ZC2

TELECOMMUNICATION INFORMATION:

TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031

INFORMATION FOR SEQ ID NO: 16:

SEQUENCE CHARACTERISTICS:  
LENGTH: 456 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-08-993-674A-16

---

Best Local Similarity 44.6%; Pred. No. 0 15; Mismatches 190; Indels 0; Gaps 0;

Matches 153; Conservative 0; Mismatches 190; Indels 0; Gaps 0;

QY 305 AGGAGGGAGAATGTCCTGGATCGAGAATTCATAAGAATGACTGGACATATGTCAGAG 364  
Db 57 AGGGGATGACCCGTCGGCGAGAAATGCCACGTGCAAGAAGGGATGACGCCGTGG 116

QY 365 CCCAGCTTCCAGAACAGACAGAACAGACAGCAGTCATCATGCACACTCTGC 424  
Db 117 CGGAGAATGCCAGCTGCAAGAGAGGATGACGCCGTGGAGAAATGCCACGTGC 176

QY 425 GGGATACGCTGGAGAACGCAATGCTACTGTGTTATCTGCAAGCAGGCCCTGGGAAGG 484  
Db 177 AGAAGGAGGGATGACGCCGTGGAGAACAGACAGTCATCATGCACACTCTGC 236

QY 485 CGGAGATGCTGCTCACACTGAAAGCAGATGAGTACTTAGCAGCAGCAGGATG 544  
Db 237 CGGTGGGGAGATGCCAGCTGAGGGAGGGATGACGCCGTGGCGAGGAGATGCC 296

QY 545 AGACCAACACAGCACAGGAGGGGGGGGGCTCAGGAGCAAGATGAAAGACATGGAC 604  
Db 297 AGCTGAGAAGGAGGATGGAGCTGGGAGGATGCCAGCTGAGGGAGAGGG 356

QY 605 AGATTGAGCTCTACTCCAGAGCAGCTCCCTGAGGTGGAGA 647  
Db 357 ATGAAGCCGTGGGGAGAATGCCAGCTGCAAGAAGGAGGG 399

RESULT 35  
US-08-425-059-3  
Sequence 3, Application US/08425069  
Patent No. 5728810

GENERAL INFORMATION:

APPLICANT: Lewis, Randolph V.

APPLICANT: Xu, Ming

APPLICANT: Hinman, Michael B.

TITLE OF INVENTION: ISOLATED DNA CODING FOR SPIDER SILK  
TITLE OF INVENTION: PROTEIN, A REPLICABLE VECTOR AND A TRANSFORMED CELL  
TITLE OF INVENTION: CONTAINING THE ISOLATED DNA, AND PRODUCTS THEREOF  
NUMBER OF SEQUENCES: 69

CORRESPONDENCE ADDRESS:

ADDRESSEE: Birch, Stewart, Kolasch & Birch  
STREET: 301 NO. 5728810th Washington Street  
CITY: Falls Church  
STATE: Virginia  
COUNTRY: U.S.A.  
ZIP: 22046

COMPUTER READABLE FORM:

MEDIUM TYPE: FLOPPY disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/425.069  
FILING DATE: 19-APR-1995  
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Murthy Jr., Gerald M

REGISTRATION NUMBER: 28,977  
REFERENCE/DOCKET NUMBER: 1447-106P

TELECOMMUNICATION INFORMATION:

TELEPHONE: (703) 205-8000  
TELEFAX: (703) 205-8050

TELEX:

INFORMATION FOR SEQ ID NO: 3:

SEQUENCE CHARACTERISTICS:  
LENGTH: 1995 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
HYPOTHETICAL: NO  
IMMEDIATE SOURCE:

CLONE: p6B  
FEATURE: NAME/KEY: CDS  
LOCATION: 1..1785  
US-08-425-069-3

```

Query Match          1.9%; Score 38.8; DB 1; Length 1995;
Best Local Similarity 46.3%; Pred. No. 0 36; Matches 164; Conservative 0; Mismatches 187; Indels 3; Gaps 1;
Qy   341 AGANTGAACTGGACATGTAGAGGCCAGCTTCCAGAAGACAAGGAGAACGAGACA 400

```

**SEQUENCE CHARACTERISTICS:**  
 LENGTH: 1995 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: cDNA  
 HYPOTHETICAL: NO  
**IMMEDIATE SOURCE:**  
 CLONE: pGB  
**FEATURE:**  
 NAME/KEY: CDS  
 LOCATION: 1..1785  
 US-08-317-844B-3

	QY	Db	QY	Db
461	CCTGGAGGAGGTGGCAAGCCGAGGTTTGTCCTGCACATGAAACAGATA	520		
1299	TGGACCAGGACAACAAAGGTCAGAGGAGATGGACCGAGAACAAAGGACATCTGGAC	1358		
521	AGTACTTAGCAGCAGGAGGATGAGACCAAAGCACAGAGGGGGCGGCCTCA	580		
1359	AGGCAGTCGAGCAGCAGCAGCACGCTGCCAGTGGACGCTTGGATATGGACAGGCA	1418		

Qy	581	GGACCAAGATGAAAGCCATGGA --GCAGATGAGCTCTACTCCAGGCCAGCTCCCTG	637
Db	1419	 ACAGGGACCATCTGGTCTTGAATCGCACGTCAGCTGCTCAGCAGACTGGAGGTTA	1478

QY	638	AGGTGAGGGATGATCCGGAGACATGGGTGGGACAGTCAGGGTGAACAGC	691
Db	1479	TGGACCAAGCACAGCTGGATATGGCCCTGGAAAGCGCAGTAGCAGC	1532

RESULT 36  
US-08-317-844B-3

; Sequence 3, Application US/08317844B  
; Patent No. 5989894

GENERAL INFORMATION:  
APPLICANT: Lewis, Randolph V.

APPLICANT: Xu, Ming  
APPLICANT: Hinman Michael R

TITLE OF INVENTION: ISOLATED DNA CODING FOR SPIDER SILK  
TYPE OF INVENTION: PROCESS

TITLE OF INVENTION: PROTEIN, A REPLICABLE VECTOR AND A TRANSFORMED CELL  
CONTAINING THE ISOLATED DNA, AND PRODUCTS THEREOF

NUMBER OF SEQUENCES: 62  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Birch, Stewart, Kolasch & Birch  
STREET: 301 No. 598894th Washington Street

CITY: Falls Church  
STATE: Virginia

COUNTRY: U.S.A.  
ZIP: 22046

**COMPUTER READABLE FORM:**

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: 1158 / 317 8MAB

FILING NUMBER: 03/00/311,044D  
FILING DATE: 04-OCT-1994

CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:

NAME: Murphy Jr., Gerald M  
REGISTRATION NUMBER: 28-977

REFERENCE/DOCKET NUMBER: 1447-105P  
TERMINATION INFORMATION:

TELECOMMUNICATION INFORMATION  
TELEPHONE: (703) 241-1300

TELEFAX: (248) 345-2411  
TELEX: 248345  
INFORMATION FOR SEQ ID NO: 3:

REFERENCE/DOCKET NUMBER: 1447-104P  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 703-205-8000  
 TELEX/FAX: 703-205-8050  
 INFORMATION FOR SEQ ID NO: 1:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 2793 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: double  
 TOPOLOGY: linear  
 MOLECULE TYPE: cDNA  
 HYPOTHETICAL: NO  
 ORIGINAL SOURCE:  
 ORGANISM: *Nephila clavipes*  
 TISSUE TYPE: minor ampullate gland  
 FEATURE:  
 NAME/KEY: CDS  
 LOCATION: 183..2675  
 OTHER INFORMATION: /product= "N. clavipes minor"  
 OTHER INFORMATION: ampullate silk protein  
 US-08-209-47-1

Query Match 1.9%; Score 38.6; DB 1; length 2793;  
 Best Local Similarity 47.3%; Pred. No. 0; Mismatches 129; Indels 0; Gaps 0;

Qy 455 TGTGATCTCGCAGCACGGCCCTGGCAAGGCCGAGATGCCTGTCACACTGAAAAGC 514  
 Db 2086 TGTGCGCTGCGAGCTGCTGGTGCAGGATCCGAGCTGGTGTACGGTGTAGGTG 2145  
 Qy 575 GCCTCAGGAGAGATGAAAGACCATGGGAGCAGATTGAGCTCTACTCCAGGCCAGCTCC 634  
 Db 2146 CTACGGGCTGTCAGGATGAGCTGGCGGAGGAGCTGCTGCACCTGCTGGAGCAG 2205  
 Qy 635 CTGAGGGTGGAGGAGATGCCGAGACATGGGTGGAGCAGTGAGGTGCTGGTGTAC 694  
 Db 2206 AGCCGGAGCTGGTGTAGGAGAGGTGCTGGTGTGGAGGAGCTGGTGTACGGTGGACAGGAGG 2265  
 Qy 695 CTGTC 699  
 Db 2266 ATATG 2270

RESULT 38

US-08-458-298-1

Sequence 1, Application US/08458298

PATENT NO. 5756677

GENERAL INFORMATION:

APPLICANT: Lewis, Randolph V.

APPLICANT: Colgin, Mark

TITLE OF INVENTION: cDNAs Encoding Minor Ampullate Spider

TITLE OF INVENTION: Silk Proteins

NUMBER OF SEQUENCES: 56

CORRESPONDENCE ADDRESS:

ADDRESSEE: Birch, Stewart, Kolasch &amp; Birch

STREET: P.O. Box 747

CITY: Falls Church

STATE: Virginia

COUNTRY: USA

ZIP: 22040-3487

COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk

COMPILER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08458298

FILING DATE: 02-JUN-1995

CLASSIFICATION: 530  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/209,747  
 FILING DATE: 14-MAR-1994  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Murphy Jr., Gerald M.  
 REGISTRATION NUMBER: 28,977  
 REFERENCE/DOCKET NUMBER: 1447-104P  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 703-205-8000  
 TELEX/FAX: 703-205-8050  
 INFORMATION FOR SEQ ID NO: 1:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 2793 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: double  
 TOPOLOGY: linear  
 MOLECULE TYPE: cDNA  
 HYPOTHETICAL: NO  
 ORIGINAL SOURCE:  
 ORGANISM: *Nephila clavipes*  
 TISSUE TYPE: minor ampullate gland  
 FEATURE:  
 NAME/KEY: CDS  
 LOCATION: 183..2675  
 OTHER INFORMATION: /product= "N. clavipes minor"  
 OTHER INFORMATION: ampullate silk protein  
 US-08-458-298-1

Query Match 1.9%; Score 38.6; DB 1; length 2793;  
 Best Local Similarity 47.3%; Pred. No. 0; Mismatches 129; Indels 0; Gaps 0;

Qy 455 TGTGATCTCGCAGCACGGCCCTGGCAAGGCCGAGATGCCTGTCACACTGAAAAGC 514  
 Db 2086 TGTGCGCTGCGAGCTGCTGGTGCAGGATCCGAGCTGGTGTACGGTGTAGGTG 2145  
 Qy 575 GCCTCAGGAGAGATGAAAGACCATGGGAGCAGATTGAGCTCTACTCCAGGCCAGCTCC 634  
 Db 2146 CTACGGGCTGTCAGGATGAGCTGGCGGAGGAGCTGCTGCACCTGCTGGAGCAG 2205  
 Qy 635 CTGAGGGTGGAGGAGATGCCGAGACATGGGTGGAGCAGTGAGGTGCTGGTGTAC 694  
 Db 2206 AGCCGGAGCTGGTGTAGGAGAGGTGCTGGTGTGGAGGAGCTGGTGTACGGTGGACAGGAGG 2265  
 Qy 695 CTGTC 699  
 Db 2266 ATATG 2270

RESULT 39

US-08-137-117D-85/c

Sequence 85, Application US/08137117D

PATENT NO. 575965

GENERAL INFORMATION:

APPLICANT: TSUCHIYA, Masayuki

APPLICANT: SATO, Koh

APPLICANT: BENDIG, Mary

APPLICANT: JONES, Steven

APPLICANT: SALDANHA, Jose

TITLE OF INVENTION: RESHAPED HUMAN ANTIBODY TO HUMAN

TITLE OF INVENTION: INTERLEUKIN-6 RECEPTOR

NUMBER OF SEQUENCES: 158

CORRESPONDENCE ADDRESS:

ADDRESSEE: Foley &amp; Lardner

STREET: 3000 K Street, N.W., Suite 500

CITY: Washington

STATE: D.C.

COUNTRY: USA  
 ZIP: 20007-5109  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/1137.117D  
 FILING DATE: 20-DEC-1993  
 CLASSIFICATION: 530  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: WO PCT/JP92/00544  
 FILING DATE: 24-APR-1992  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: JP 4-32084  
 FILING DATE: 19-FEB-1992  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: JP 3-95476  
 FILING DATE: 25-APR-1991  
 ATTORNEY/AGENT INFORMATION:  
 NAME: WEGNER, Harold C.  
 REFERENCE/DOCKET NUMBER: 25, 258  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (202)672-5300  
 TELEFAX: (202)672-5399  
 TELEX: 904136  
 INFORMATION FOR SEQ ID NO: 85:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 414 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 FEATURE:  
 NAME/KEY: CDS  
 LOCATION: 12..401  
 FEATURE:  
 NAME/KEY: mat\_peptide  
 LOCATION: 12..401  
 US-08-137-117D-85

Query Match 1.9%; Score 37 8; DB 1; Length 414;  
 Best Local Similarity 57.0%; Pred. No. 0.32; Matches 69; Conservative 0; Mismatches 52; Indels 0; Gaps 0;

QY 1737 AGGAGGTCTGCCTGTGCCAGCCTCTGTATAGCCATGATGAGATGTCAGACT 1796  
 Db 209 AGCTTTCCTGGTCCTGGACCATGATTAATCTAGCCAGATGACTAACCT 150  
 Qy 1797 CTCTCTGGCCCTGGAGACCACTGCTACTGTTCTCTGGACCGAGATGCTGA 1856  
 Db 149 CTGGCTGGCTCTACAGGATGTCACCTCTGTCACCCACGGCTCAGGTGCTGG 90

Qy 1857 G 1857  
 Db 89 G 89

RESULT 40  
 US-08-436-717-85/C  
 Sequence 85, Application US/08436717  
 Patient No. 5817790  
 GENERAL INFORMATION:  
 APPLICANT: TSUCHIYA, Masayuki  
 APPLICANT: SATO, Koh  
 APPLICANT: BENDIG, Mary  
 APPLICANT: JONES, Steven  
 APPLICANT: SALDAMHA, Jose  
 TITLE OF INVENTION: RESHAPED HUMAN ANTIBODY TO HUMAN  
 TITLE OF INVENTION: INTERLEUKIN-6 RECEPTOR  
 NUMBER OF SEQUENCES: 158

---

CORRESPONDENCE ADDRESS:  
 COMPUTER READABLE FORM:  
 ADDRESSEE: Foley & Lardner  
 STREET: 3000 K Street, N.W., Suite 500  
 CITY: Washington  
 STATE: D.C.  
 COUNTRY: USA  
 ZIP: 20007-5109  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/436.717  
 FILING DATE:  
 CLASSIFICATION: 536  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: WO PCT/JP92/00544  
 FILING DATE: 20-DEC-1993  
 APPLICATION NUMBER: JP 4-32084  
 FILING DATE: 24-APR-1992  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: JP 3-95476  
 FILING DATE: 19-FEB-1992  
 ATTORNEY/AGENT INFORMATION:  
 NAME: WEGNER, Harold C.  
 REFERENCE/DOCKET NUMBER: 25, 258  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (202)672-5300  
 TELEFAX: (202)672-5399  
 TELEX: 904136  
 INFORMATION FOR SEQ ID NO: 85:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 414 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 FEATURE:  
 NAME/KEY: CDS  
 LOCATION: 12..401  
 FEATURE:  
 NAME/KEY: mat\_peptide  
 LOCATION: 12..401  
 US-08-436-717-85

Query Match 1.9%; Score 37 8; DB 1; Length 414;  
 Best Local Similarity 57.0%; Pred. No. 0.32; Matches 69; Conservative 0; Mismatches 52; Indels 0; Gaps 0;

QY 1737 AGCAGGTCTGCCTGTGCCAGCCTCTGTATAGCCATGATGAGATGTCAGACT 1796  
 Db 209 AGCTTTCCTGGTCCTGGACCATGATTAATCTAGCCAGATGACTAACCT 150  
 Qy 1797 CTCTCTGGCCCTGGAGACCACTGCTACTGTTCTCTGGACCGAGATGCTGA 1856  
 Db 209 AGCTTTCCTGGTCCTGGACCATGATTAATCTAGCCAGATGACTAACCT 150  
 Qy 1797 CTCTCTGGCCCTGGAGACCACTGCTACTGTTCTCTGGACCGAGATGCTGA 1856  
 Db 149 CTGGCTGGCTCTACAGGATGTCACCTCTGTCACCCACGGCTCAGGTGCTGG 90

Qy 1857 G 1857  
 Db 89 G 89

Search completed: September 4, 2002, 13:50:15  
 Job time: 12669 sec



**THIS PAGE BLANK (USPTO)**